

# *Roadmaps to Industry Clusters in Los Angeles County*



Los Angeles County Economic Development Corporation

June 2004

## **ROADMAPS TO INDUSTRY CLUSTERS IN LOS ANGELES COUNTY**

"Cluster" is a word that economic development professionals frequently toss about. But what does it mean? The standard definition is that it is a group of firms and their suppliers, turning out specific types of a product. Clusters are spoken of in terms of NAICS codes and employment numbers. In many cases, it is hard to track down actual businesses in a cluster.

But there can be another take on clusters. This involves identifying the entities that educate people to work in an industry cluster, as well as trade associations, special support programs (advice on operations and financing), and critical infrastructure such as an airport. This input is critical for growth. Moreover, they often offer links to actual firms in a specific industry.

We have documented the support activities for major industry clusters in Los Angeles County. We recognize that it is a "work in progress," as some programs are "hidden," new programs are constantly emerging, and some new industries are in the process of taking shape.

Among these developments are the emerging "convergence" industries such as entertainment and technology. Because these industries are increasingly sharing content, it may be necessary to refer to both clusters to ensure optimum coverage of available resources. This will grow with importance as Southern California establishes itself as the hub for this activity.

We invite your input and advice on what might be included in future editions of Roadmaps, and hope that it helps you in your endeavors.

To submit new entries or update existing entries, please e-mail to [research@laedc.org](mailto:research@laedc.org) or write/fax to:

Economic Information & Research Dept.  
Los Angeles County Economic Development Corporation  
444 S. Flower St., 34<sup>th</sup> Floor  
Los Angeles, CA 90071  
Tel: 213-622-4300  
Fax: 213-622-7100

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## Aerospace

*Employment (4/'01): 66,462*

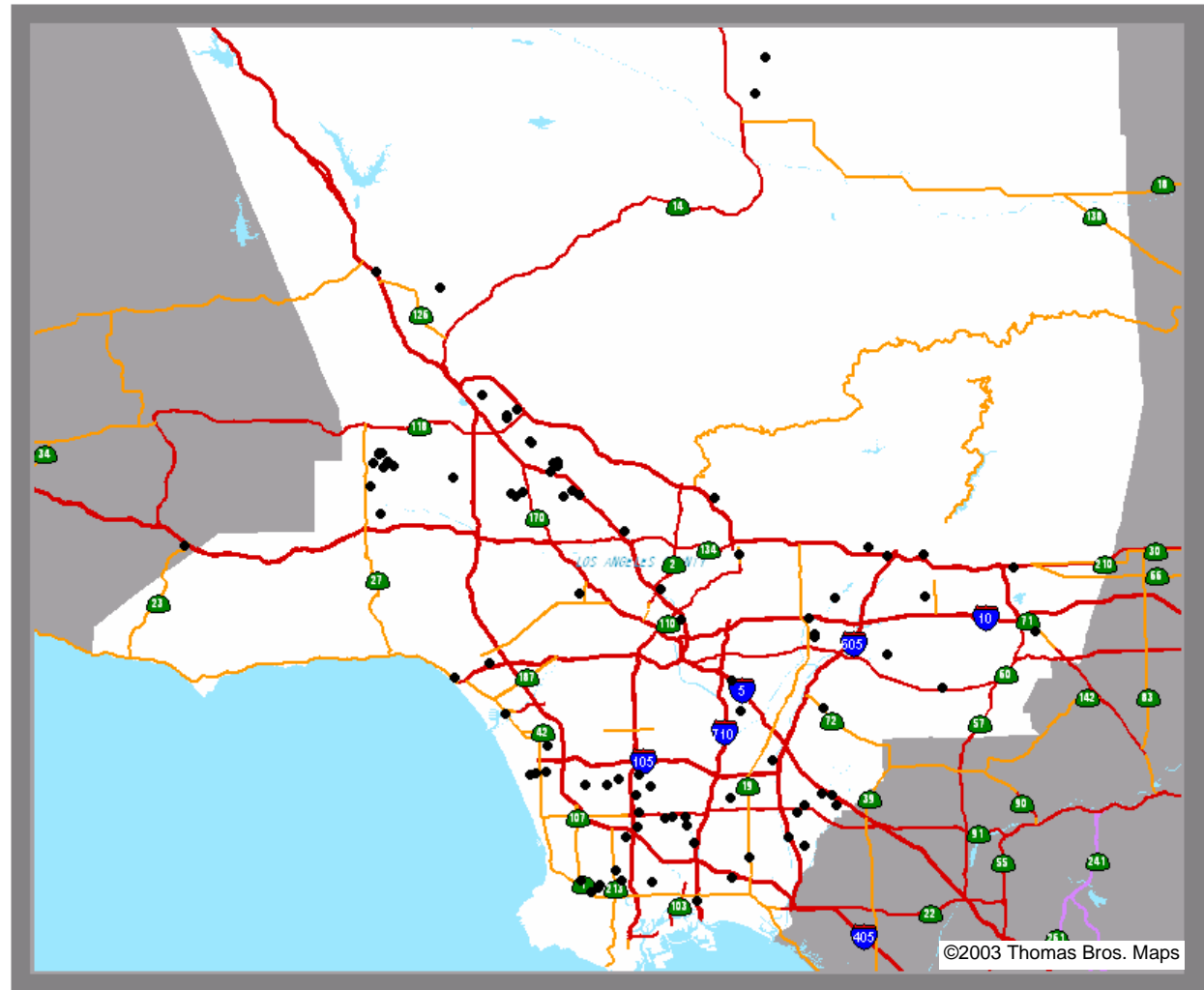
*Number of Establishments (4/'01): 183*

*Shipments/Receipts (1997): \$16.6 Billion*

*NAICS Codes: 3364, 334511*

Los Angeles region became the world leader in aerospace research and development and production many decades ago due to a simple dynamic -- good flying weather. Now, the County has an impressive roster of projects, including the F-117 stealth fighter, the B-2 bomber, and F-22 stealth fighter. Currently, major aerospace projects in Southern California include C-17 military cargo plane, Army Future Combat Systems, Joint Tactical Radio Systems, F/A-18 & F-35 fuselage & electronics, Global Hawk UAV, missile defense system, and components for the F-22 Raptor.

Added to the technically superior workforce, the aerospace infrastructure is enhanced by outstanding educational institutions and the supporting research and development programs of the Air Force Flight Test Center at the Edwards AFB and the space & missile R&D Los Angeles AFB.



## **Education**

### **GRADUATE AERONAUTICAL LABORATORIES, CALIFORNIA INSTITUTE OF TECHNOLOGY (GALCIT)**

1200 E. California Blvd. MC 205-45  
 225 Guggenheim Director: Dr. Hans Hornung  
 Pasadena, CA 91125  
 Tel: 626-395-4750  
 Fax: 626-449-2677  
 Web site: <http://www.galcit.caltech.edu>

*GALCIT offers graduate programs in aeronautics leading to the degrees of Master of Science, Aeronautical Engineer, and Doctor of Philosophy. The programs are designed to provide intense education in the foundations of the aeronautical sciences, with emphasis on research and experimental methods.*

### **CALIFORNIA STATE POLYTECHNIC UNIVERSITY (Cal Poly), POMONA**

#### **Aerospace Engineering**

3801 W. Temple Ave. Dept. Chair: William E. Mortensen  
 Pomona, CA 91768 No. of Students: 310  
 Tel: 909-869-2470 2002-2003 graduates: 13  
 Web site: <http://www.aro.csupomona.edu>

*The Aerospace Engineering program aims to: Provide students with a comprehensive education that includes in-depth instruction in aerodynamics, aircraft and spacecraft structures, flight mechanics, orbital mechanics, flight propulsion, and design of aerospace systems; Provide adequate laboratory experience and independent study opportunities; and Prepare students for careers in aerospace engineering by emphasizing analysis and problem-solving, exposure to open-ended problems and design issues while fostering teamwork, communication skills, and individual professionalism.*

### **CALIFORNIA STATE UNIVERSITY, LONG BEACH (CSULB)**

#### **Aerospace Engineering**

1250 Bellflower Blvd. Dept. Chair: Dr. Tuncer Cebeci  
 Long Beach, CA 90840 No. of Students: 15  
 Tel: 562-985-1503 2002-2003 graduates: 8  
 Fax: 562-985-1669  
 Web site: <http://www.csulb.edu/colleges/coe/ae/index.htm>

*The B.S. in Aerospace Engineering program is designed to supplement mathematics, science and basic engineering courses in order to give students the specialization needed in different areas of aerospace engineering. In addition to acquiring technical knowledge, graduates will have completed appropriate courses in communications and in humanistic social studies. The Department also offers M.S. and Ph.D. degrees and is well equipped with state-of-the-art laboratories and computer facilities for undergraduate and graduate students. Facilities include a large low speed wind tunnel, a computational mechanics research laboratory, and materials manufacturing and testing laboratories. Faculty and students are involved with state-of-the-art R&D in various areas of aerospace engineering, including: Vortex flows, Turbomachinery, Computational Fluid Dynamics (CFD), Aeroelasticity among others.*

*The Aerospace Engineering Department in collaboration with Boeing Company offers a Certificate Program in Aerospace Manufacturing. This program is designed to provide students with skills required for an Industrial Engineer or Manufacturing Engineer.*

### **CALIFORNIA STATE UNIVERSITY, LOS ANGELES (CSULA)**

#### **Aviation Administration Program**

College of Engineering and Technology  
 5151 State University Dr. Program Coord: Dr. Keith Mew  
 Los Angeles, CA 90032  
 Tel: 323-343-4568  
 Fax: 323-343-4571  
 Web site: <http://www.calstatela.edu>

*Cal State L.A.'s Aviation Administration program was uniquely created in response to needs identified by the commercial airline and aviation industries. As such, graduates of the program are prepared to enter either industry as instant problem-solvers and troubleshooters, requiring little orientation.*

**GLENDALE COMMUNITY COLLEGE****Aviation and Transportation**

1500 N. Verdugo Rd.

Department Chair: Scott Rubke

Glendale, CA 91208

Tel: 818-240-1000 x 5542

Fax: 818-549-9436

E-mail: [srubke@glendale.edu](mailto:srubke@glendale.edu)Web site: <http://www.glendale.cc.ca.us>

*The Aviation and Transportation Department offers five Certificate programs: Aviation Administration, Flight Attendant, Aircraft Powerplant Maintenance and Overhaul (FAA Powerplant License), Aircraft Powerplant and Airframe Maintenance and Overhaul (FAA Powerplant and Airframe License), and Pilot Training.*

**JET PROPULSION LABORATORY (JPL)**

4800 Oak Grove Dr.

Director: Charles Elachi

Pasadena, CA 91109

Tel: 818-354-5673

Fax: 818-393-4218

Web site: <http://www.jpl.nasa.gov>

*Managed for NASA by the California Institute of Technology, the Jet Propulsion Laboratory is the leading U.S. center for robotic exploration. JPL manages the worldwide Deep Space Network, which communicates with spacecraft and conducts scientific investigations from its complexes, such as in California's Mojave Desert. The Laboratory also develops new technology. One area of research focuses on imaging technology, which is currently used for space exploration but has medical applications.*

**LONG BEACH CITY COLLEGE****Aviation**

4901 E. Carson St.

Dept. Chair: Steve King

Long Beach, CA 90808

Tel: 562-938-4567

E-mail: [skyking@lbcc.edu](mailto:skyking@lbcc.edu)Web site: <http://www.lbcc.cc.ca.us>

*The Aviation (Professional Pilot) program prepares students for an entry-level commercial pilot position. It also provides a foundation for airline and corporate pilot careers. The Department offers a Certificate program as well as A.S. degree program. FAA certificated pilots may earn credit for some AVPLT classes and use that credit for the A.S. degree and/or Certificate based on their FAA certificates and other certain requirements. The Department also offers the Aviation Administration program.*

**MT. SAN ANTONIO COLLEGE****Aeronautics and Transportation Department**

1100 N. Grand Ave.

Dept. Chair: Wayne Lutz

Walnut, CA 91789

Tel: 909-594-5611 x4774

Web site: <http://aeronautics.mtsac.edu>

*The Aeronautics and Transportation Department offers two programs of study leading to an A.S. degree: Commercial Flight and Aviation Science. The curriculum meets the requirements of the Federal Aviation Administration Collegiate Training Initiative (CTI). Under an educational partnership agreement with the FAA, this CTI program prepares students for broad-based aviation careers. Students completing the CTI program may be recommended by the college for hiring by the FAA as air traffic controllers.*

**Aircraft Maintenance Technology Department**

Dept. Chair: Byron Strobe

Tel: 909-594-5611 x4750

*Mt. San Antonio College helps fill the needs for properly trained and certified aircraft maintenance technicians through a certificate program, which may be combined with an associate degree. A representative of the FAA may test the students at the completion of the program on campus at the Sylvan test center. Upon successful completion, an airframe and power plant technician's license is awarded.*

**NORTH VALLEY OCCUPATIONAL CENTER –  
AVIATION CENTER (NVOC-AC)**

11450 Sharp Ave. Principal: Dr. Donald Gaskin  
Mission Hills, CA 91345  
Tel: 818-365-9645

*The NVOC-AC offers a Certificate program in Aviation Mechanics, which is approved by the FAA.*

**UNIVERSITY OF CALIFORNIA, LOS ANGELES (UCLA)  
Mechanical & Aerospace Engineering Department**

Henri Samueli School of Engineering & Applied Sciences  
48-121 Engineering IV Dept. Chair: H Thomas  
P.O. Box 951597 No. of Students: 551  
Los Angeles, CA 90095 2002-2003 graduates: 101  
Tel: 310-825-2281  
Fax: 310-206-4830  
Web site: <http://www.mae.ucla.edu>

*The B.S. program in Aerospace Engineering emphasizes fundamental disciplines, and it therefore provides a solid base for professional career development in the aerospace industry and graduate study in aerospace engineering. Graduate education, primarily at the Ph.D. level, provides a strong background for employment by government laboratories, such as NASA, and industrial research laboratories supported by the major aerospace companies. The Department also houses the Center for Aerospace Education and Research, for information call (310) 825-3054.*

**UNIVERSITY OF CALIFORNIA, LOS ANGELES (UCLA)  
EXTENSION**

**Astronautical Engineering**  
10995 La Conte Ave.  
Los Angeles, CA 90024  
Tel: 310-206-1548

Web site: <http://www.unex.ucla.edu>

*This Certificated program provides a broad overview of the key aspects of spacecraft vehicle design and engineering. Topics include systems design, structural considerations, propulsion, orbital mechanics, altitude dynamics and control, communication systems, electrical power, and thermal management.*

**UNIVERSITY OF SOUTHERN CALIFORNIA (USC)**

**Aerospace and Mechanical Engineering**

Rapp Engineering Building 101  
Los Angeles, CA 90089 Dept. Chair: Dr. Michael E. Kassner  
Tel: 213-740-5353  
Fax: 213-740-7774  
Web site: <http://ame-www.usc.edu/>

*The Aerospace Engineering Department at USC is nationally recognized for several areas of research including space science, controls of turbulence, computational fluid mechanics, and nonlinear dynamics.*

**Center for Advanced Transportation Technologies (CATT)**

University of Southern California  
3740 McClintock Ave. EEB 200 Director: Dr. Petros Ioannou  
Los Angeles, CA 90089-2562  
Tel: 213-740-4452  
Fax: 213-740-4418 Web site: <http://www.usc.edu/dept/ee/catt/index.html>

*The Center for Advanced Transportation Technology (CATT) is the focal point for transportation research at the University of Southern California. CATT's mission is to perform high-impact research on urgent transportation issues in cooperation with industry and government. Its main focus is on the use of advanced technologies for making current and future defense and commercial transportation infrastructure more efficient. It merges policy and technical analyses and targets the problems associated with surface, air, and marine transportation.*

**WEST LOS ANGELES COLLEGE**

**Aviation**

9000 Overland Avenue Dept. Chair: Craig Wilder  
Culver City, CA 90230  
Tel: 310-287-4515  
Fax: 310-841-0396 Web site: <http://www.wlac.cc.ca.us>

*The Aviation Department offers an Aviation Maintenance Technician Associates Degree, an Airframe Maintenance Technician Certificate, and Aircraft Power plant Technician Certificate. Upon qualifying the written, oral, and practical examination, students are issued Federal Aviation Administration (FAA) licenses.*



**WESTWOOD COLLEGE OF AVIATION TECHNOLOGY**

8911 Aviation Blvd.  
 Inglewood, CA 90301  
 Tel: 800-597-8690  
 Fax: 213-337-1176  
 Web site: <http://www.westwoodcollege.com>

*WESTWOOD COLLEGE OF AVIATION TECHNOLOGY – LOS ANGELES CAMPUS offers aviation maintenance training. The campus is located just minutes from Los Angeles International Airport. It gives students hands-on experience with a variety of essential, training aids.*

*Airframe and Powerplant Technicians, often called A&P's, are the technicians who keep aircraft in safe flying condition. They are trained to service, repair and overhaul virtually all aircraft components and systems. A&P technicians must complete specialized training and pass Federal Aviation Administration (FAA) certification tests. Certified technicians find rewarding career opportunities working for commercial airlines, aerospace manufacturing companies, general aviation companies, and government agencies.*

*Once certified by the FAA, graduates of Westwood College of Aviation Technology's A&P program are qualified for entry-level A&P positions throughout the aviation industry. Students will work a vast array of industry-specific training aids as they acquire hands-on experience through the completion of approximately 135 individual training projects. These training aids include a variety of reciprocating powerplants and turbine engines. Additional equipment covers fuel systems, electronics, aircraft structures, navigation instruments, flight instruments, communication systems, control systems, and warning systems.*

**Associations/ Special Support****AIR TRANSPORT ASSOCIATION OF AMERICA (ATA)**

1301 Pennsylvania Ave., NW, Suite 1100  
 Washington, DC 20004-1707  
 Tel: 202-626-4000  
 E-mail: [ata@airlines.org](mailto:ata@airlines.org)

*The purpose of the ATA is to support and assist its members by promoting the air transport industry and the safety, cost effectiveness, and technological advancement of its operations; advocating common industry positions before state and local governments; conducting designated industry-wide programs; and assuring governmental and public understanding of all aspects of air transport.*

**AMERICAN ELECTRONICS ASSOCIATION (AeA)****Los Angeles/Santa Barbara Council**

21300 Victory Blvd., Suite 680  
 Woodland Hills, CA 91367  
 Tel: 818-226-3800  
 Fax: 818-226-0400  
 Web site: <http://www.aeanet.org/AeACouncils/LACouncilStart.asp>

*The Los Angeles/Santa Barbara Council of AeA covers the area including San Luis Obispo County, Santa Barbara County, Ventura County, Los Angeles County, San Bernardino County and Las Vegas, NV. AeA represents a diverse array of technology companies that include aerospace defense, wi-fi, semiconductor, photonic equipment, software, hardware, service providers, data collection and storage, electronics, computers, telecommunications, and medical devices. AeA serves their members through advocacy, training, research, and business services.*

**AMERICAN INSTITUTE OF AERONAUTICS AND  
ASTRONAUTICS (AIAA)**

Los Angeles Section  
AIAA Western Office  
2221 Rosecrans Ave., Suite 227  
El Segundo, CA 90245  
Tel: 310-643-7510

Web site: <http://www.aiaa.org>

*AIAA, formed in 1963, is the world's largest professional society devoted to the progress of engineering and science in aviation, space, and defense. The Institute continues to be the principal voice, information resource, and publisher for aerospace engineers, scientists, managers, policymakers, students, and educators. Key member benefits include: Establish important professional contacts, Gain recognition by peers, Access comprehensive resource and research services, and Influence aerospace policy.*

**ESSIX AVIATION INC.**

11601 S. Western Ave., Suite 110  
Los Angeles, CA 90047  
Tel: 323-242-1850  
Fax: 323-777-2817  
E-mail: [essix\\_aviation@yahoo.com](mailto:essix_aviation@yahoo.com)

*A non-profit aviation education corporation dedicated to educate, train, and mentor disadvantaged inner-city youth interested in pursuing careers in aviation. The programs and services it offers are Introduction to Aviation, which offers lectures, training, hands-on experiences, and a short flight in an actual airplane for each participant, and Adventures in Flight Program. It also provides technical information such as employment opportunities, current compensation levels, job training prerequisites, and a list of colleges and universities offering aviation training.*

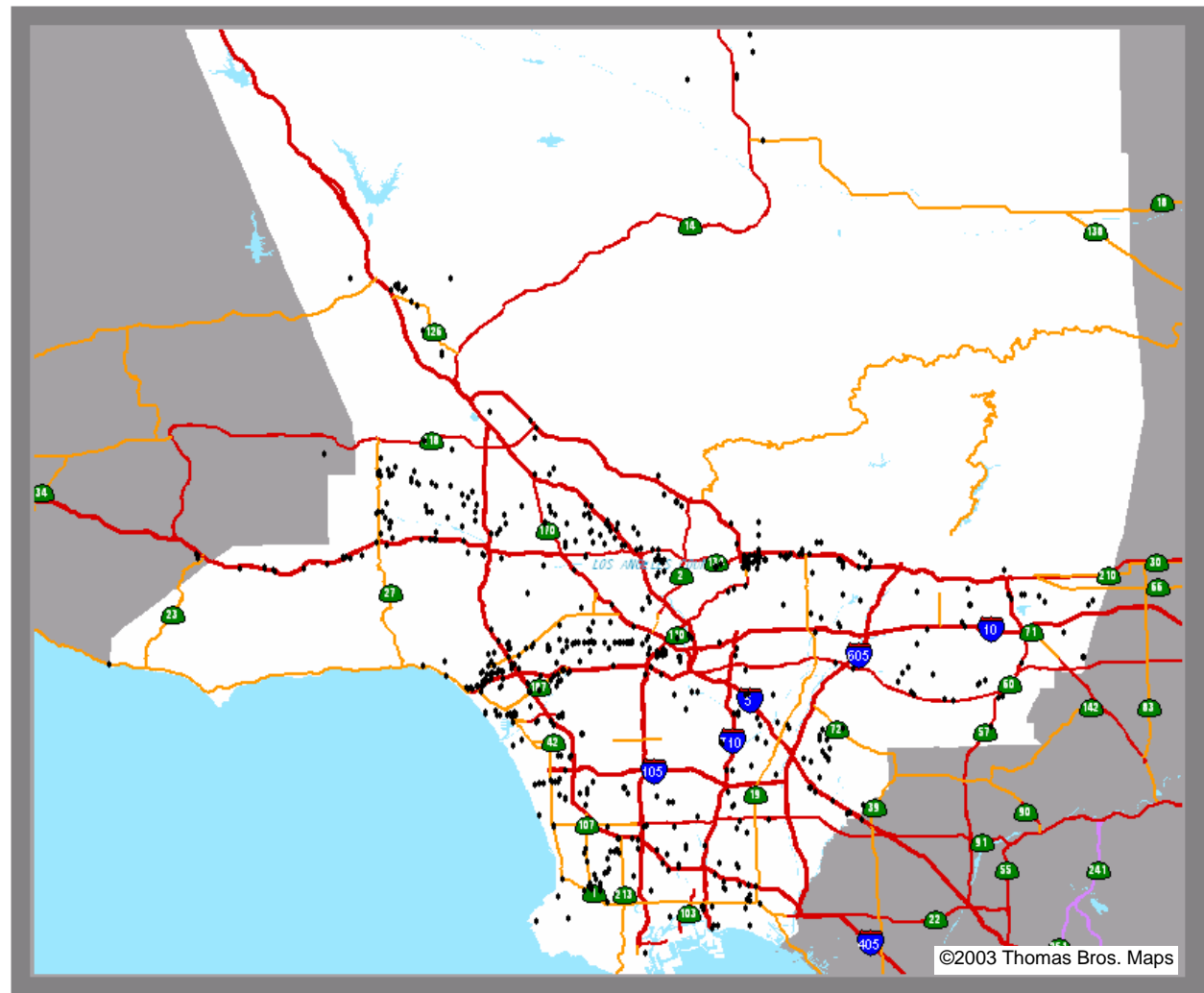
*Employment (4/'01): 38,183*  
*Number of Establishments (4/'01): 3,283*  
*Revenue (1997): \$4 Billion*  
*NAICS Codes: 5413, 54141*

*Number of Establishments (4/'01): 3,283*

*Revenue (1997): \$4 Billion*

NAICS Codes: 5413, 54141

The increasing demand for qualified engineers to fuel the evolution of industries worldwide extends to healthcare and biotechnology, telecommunications and transportation. This demand has been answered, in part, by scores of private and state universities as well as by specialized technical schools including UCLA, USC, and the California Institute of Technology.



## **Education**

### **Architecture & Landscape Architecture**

#### **CALIFORNIA STATE POLYTECHNIC UNIVERSITY (Cal Poly), POMONA**

##### **Architecture**

3801 W. Temple Ave.                      Dept. Chair: Judith Sheine  
Pomona, CA 91768                      No. of Students: 611  
Tel: 909-869-2683                      2002-2003: 213  
Web site: <http://www.csupomona.edu/~env>

*The program is offered in a five-year curriculum, which focuses on the design laboratory. The Department is a member of the Association of Collegiate Schools of Architecture. Courses are taught by a faculty of professionals engaged in practice, education, and research. The Department also offers a Master degree.*

##### **Department of Landscape Architecture**

Tel: 909-869-2673                      Dept. Chair: Philip N. Pregill  
Fax: 909-869-4460

*Cal Poly Pomona's Bachelor of Science degree in Landscape Architecture provides a foundation in the design, use, management and preservation of the land. Course work includes the study of landscape design and planning processes, graphic communications, ecology, plants and planting design, construction methods and environmental history. It is nationally accredited by the Landscape Architectural Accreditation Board and approved by the Board of Landscape Architects as meeting part of the qualification requirements for licensure examination. The Department also offers a Master of Landscape Architecture.*

#### **CALIFORNIA STATE UNIVERSITY, NORTHRIDGE (CSUN) EXTENDED LEARNING**

##### **Landscape Design**

18111 Nordhoff St.                      Dean: Joyce Feucht-Haviar  
Northridge, CA 91330  
Tel: 818-677-4607

Web site: <http://www.csun.edu/exl>

*This Certificate program's objectives are for students to: Learn the elements of design for landscapes, Create effective relationships between design patterns, environmental considerations, client needs, and budget, Acquire basic lettering and drafting techniques, Develop skills in graphic design, Understand plant selection from a functional and aesthetic viewpoint, and Provide building blocks of skills necessary for landscape design.*

#### **CERRITOS COLLEGE**

##### **Architectural Technology**

11110 Alondra Blvd.  
Norwalk, CA 90650  
Tel: 562-860-2451 x2900  
Web site: <http://www.cerritos.edu/tech>

*The Technology Division offers an Associate in Arts degree in Architectural Technology. Courses include: Architectural Drafting, Building Codes, Architectural Delineation, Architectural Design, Programming and Presentation, and Design Theory.*

#### **EAST LOS ANGELES COLLEGE**

##### **Architecture**

1301 Avenida Cesar Chavez  
Monterey Park, CA 91754  
Tel: 323-265-8839  
Web site: <http://www.elac.cc.ca.us>

*The Department offers classes such as Architectural drawings, Construction Estimating, CAD/CADD, Residential Planning, and Basic Architectural Design. An A.A. in Architecture is awarded upon completion of the program. The Department also offers Certificate of Architectural Drafting, and Certificate of Architectural Computer Aided Design/Drafting.*

#### **EL CAMINO COLLEGE**

##### **Division of Natural Sciences**

16007 Crenshaw Blvd.  
Torrance, CA 90506                      Dept. Chair: Jack Horn  
Tel: 310-660-3350                      No. of Students: 160

Fax: 310-660-3409  
Web site: [http:// www.elcamino.edu](http://www.elcamino.edu)

*The horticulture program at El Camino College offers an associate of science degree and/or certificate in environmental horticulture. The course offerings include soils and fertilizers, general horticulture, plant propagation, pest control, plant identification, landscape design, ecology of edible, medicinal, and poisonous plants, and environmental aspects of biology and field botany.*

### **LONG BEACH CITY COLLEGE**

#### **Architectural Drafting**

4901 E. Carson St. Dept. Chair: Brent Sears  
Long Beach, CA 90808  
Tel: 562-938-4467  
E-mail: [bsears@lbcc.edu](mailto:bsears@lbcc.edu)  
Web site: <http://www.lbcc.cc.ca.us>

*This Occupational program will prepare students for an entry-level position in a variety of design profession settings and will serve as a foundation for specialization. Courses include Architectural Design, Carpentry, Blueprint Reading for Construction Trade, CADD, and Math courses.*

### **LOS ANGELES PIERCE COLLEGE**

#### **Architecture Technology**

6201 Winnetka Ave. Dept. Chair: L.W. Humphrey  
Woodland Hills, CA 91371  
Tel: 818-710-4259  
Web site: <http://www.lapc.cc.ca.us>

*This program is designed to prepare students interested in obtaining employment as architectural technicians or transferring to schools of Architecture. The program has been developed through an Advisory committee of architects, technicians, contractors, and Pierce College faculty. The Department offers an A.A. and a Certificate program.*

### **LOS ANGELES TRADE TECHNICAL COLLEGE**

#### **Architectural Technology - Digital Design Certificate**

400 West Washington Blvd.  
Building "D" 330 Program Coord: Marcela Oliva

Los Angeles, CA 90015  
Tel: 213-763-7000  
TDD: 213-763-5375  
Fax: 213-763-5393  
Web Site: <http://www.lattc.cc.ca.us>

*The Digital Design Certificate program is currently new at the L.A. Trade-Technical College. It is for students who are interested in the fields of Architecture, Industrial Design, Toy Design, Furniture Design, Interior Design, Landscape Architecture, Interface Design, Virtual Reality Environment, and Set Design. The basic skills students developed are 3D Prototype, Visualization, Conceptualization, Lighting, Sketching, and Modeling. The technology skills are Spatial Modeling, Web-Browser, and Computer-Aided Design. Applications used in the program are 3D Studio, Microstation Modeler, Access, and Triforma.*

### **MT. SAN ANTONIO COLLEGE**

#### **Architectural Technology**

1100 N. Grand Ave. Dept. Chair: Robert Ho  
Walnut, CA 91789  
Tel: 909-594-5611 x3908  
Web site: <http://www.mtsac.edu>

*This program is intended to prepare students to enter the field of architecture and related fields. The student is provided with an option of direct employment into the field or preparation for transfer to the professional schools of architecture. The student will be required to develop both design and working drawing portfolios. An Associate's degree or Certificate of Completion is awarded upon completion of the program.*

### **RIO HONDO COLLEGE**

#### **Architecture**

3600 Workman Mill Rd.  
Whittier, CA 90601  
Tel: 562-692-0921 x3713  
Web sites: [http:// www.riohondo.edu](http://www.riohondo.edu) or [www.riohondo.edu/cad](http://www.riohondo.edu/cad)

*This program leads to the A.S. degree in Architecture for university transfer, advanced Tech Prep placement, employment in architectural*

*firms, design, architectural engineering and construction related industries, public works, utilities, and Architectural CAD/Drafting related industries. The Department also offers a Certificate of Achievement in Architectural Computer Assisted Design & Drawing.*

**SOUTHERN CALIFORNIA INSTITUTE OF ARCHITECTURE (SCI-ARC)**

960 E. Third St.  
Los Angeles, CA 90013      Director: Eric O. Moss  
Tel: 310-613-2200      No. of Students: 474  
Fax: 310-613-2260  
Web site: <http://www.sciarc.edu>

*SCI-ARC is a private architecture school that tests the limits of architecture in order to transform existing conditions into the designs of the future. The accredited five-year program leads to the Bachelor of Architecture. The graduate programs offer two study options: Masters in Architecture and Post-Graduate Masters in Architecture, Metropolitan Research and Design*

**UNIVERSITY OF CALIFORNIA, LOS ANGELES (UCLA)  
Architecture and Urban Design**

1317 Perloff Hall  
Box 951467      Dept. Chair: Sylvia Lavin  
Los Angeles, CA 90095      No. of Students: 147  
Tel: 310-825-7857      2002-2003 graduates: 75  
Fax: 310-825-8959  
Web site: <http://www.aud.ucla.edu>

*The Graduate School of Architecture and Urban Design offers a variety of graduate degrees with concentration in fields such as architecture and urban design, architecture culture and digital technology. Students use advanced technology to investigate the integration of new animation techniques into design, the impact of natural forces on the form and materials of architecture. The purpose is to understand architecture and design in the broadest sense.*

**UNIVERSITY OF CALIFORNIA, LOS ANGELES (UCLA)  
EXTENSION**

**Landscape Architecture Program**

10995 Le Conte Ave., Rm. 414  
Los Angeles, CA 90024      Director: Alexis Slafer  
Tel: 310-825-9414      No. of Students: 195  
Fax: 310-206-7382      2002-2003 graduates: 111  
Web site: <http://www.unex.ucla.edu>

*UCLA Extension's Landscape Architecture Program is structured as a series of design, technical, and breadth courses taking four years to complete. Students are trained to address the complex issues and methodologies of landscape design as well as the impact of social, historical, and natural phenomena on the design process. The program is certified by the California State Board of Landscape Architects.*

**UNIVERSITY OF SOUTHERN CALIFORNIA (USC)  
School of Architecture**

University Park  
Watt Hall, Rm. 204      Dean: Robert Timme, FAIA  
Los Angeles, CA 90089      No. of Students: 550  
Tel: 213-740-2420      2002-2003 graduates: 105  
Fax: 213-740-8884  
Web site: <http://www.usc.edu/architecture>

*USC offers a Bachelor of Architecture program that combines a university education with comprehensive preparation for an entry into an architecture career. The five-year curriculum has two levels of study that begins with establishing a foundation of understanding on which to build a second level of advanced study. The program culminates with the Fifth Year Comprehensive Studio that is taken in conjunction with an independent research seminar.*

**Landscape Architecture Program**

*USC's Bachelor of Landscape Architecture program is a four-year curriculum of lectures, seminars and studio courses. Through academic research, personal participation and group endeavor, the program introduces students to historic and contemporary issues in landscape architecture. Projects concentrate on the design of spaces in the urban landscape. USC graduate programs include Masters of Architecture,*

*Masters of Building Science, Masters of Landscape Architecture and Masters of Historic Preservation.*

## **WOODBURY UNIVERSITY**

### **Architecture School**

7500 Glenoaks Blvd. Dept. Chair: Norman Millar  
Burbank, CA 91510 No. of Students: 340  
Tel: 818-767-0888 x377 2000-2002 graduates: 40  
Fax: 818-504-9320  
Web site: <http://www.woodburyu.edu>

*Woodbury University offers five academic programs in the School of Architecture and Design: architecture (Burbank and San Diego campus), NAAB accredited, fashion design, graphic design, multimedia and animation, and interior architecture, FIDER accredited, that provide both a general education and strong professional preparation. Emphasis is placed on individual creative and critical thinking, thoughtful analysis and purposeful innovation. Advanced computer applications are integrated with courses providing students with a full range of skills and abilities.*

### **Environmental Graphics**

Dept. Chair: Bill H. Keeney  
Tel: 818-767-0888 x336  
Web site:  
<http://www.woodbury.edu/programs/design/environmentalgraphics>

*The Environmental Graphics major focuses on the study of graphic elements in the built and natural environment, leading in a B.S. degree. Graphic, interior, architectural and psychological elements are integrated, providing an interdisciplinary approach to the major. The program is structured to meet the needs of students wishing to acquire professional training careers in environmental graphic design and public information. Applications include environmental design for shopping malls, retail stores, theme parks, airports, hotels, museums, schools, sports arenas, and recreation facilities.*

## **Engineering**

## **CALIFORNIA INSTITUTE OF TECHNOLOGY (CalTech)**

### **Division of Engineering and Applied Science**

1200 E. California Blvd., MC 104-44 Dept. Chair: Richard Murray  
Pasadena, CA 91125 No. of Students: 707  
Tel: 626-395-4100 2002-2003 graduates: 256  
Fax: 626-585-1729  
Web site: <http://www.caltech.edu>

*CALTECH's mission is to train creative scientists and engineers by conducting instruction in an atmosphere of research, accomplished by the close contacts between a relatively small number of students with a large number of professors. CalTech's engineering programs include aeronautics, applied and computational mathematics, applied mechanics applied physics, bioengineering, civil engineering, computer science, control and dynamical systems, electrical engineering environmental science and engineering, material science and mechanical engineering. Caltech conducts instructions at the undergraduate and graduate levels, as well as postdoctoral programs.*

### **CalTech/MIT Enterprise Forum**

Industrial Relations Center  
383 S. Hill Ave. I-90  
Pasadena, CA 91125  
Tel: 626-395-3916  
Fax: 626-795-7174  
Web site: <http://www.entforum.caltech.edu>

*The mission of the CalTech/MIT Enterprise Forum is to encourage the growth and success of technology-based entrepreneurial ventures in Southern California. Through its monthly programs the Forum provides advice, support, education, and networking opportunities to technology-based ventures in the Southern California area. Programs address range of entrepreneurial issues from financing, marketing, and business planning to executive leadership and staffing.*

**CALIFORNIA STATE POLYTECHNIC UNIVERSITY,  
POMONA (Cal Poly, Pomona)**

**College of Engineering**

3801 W. Temple Ave. Dean: Edward C. Hohmann  
Pomona, CA 91768 No. of Students: 4,500  
Tel: 909-869-2600 2002-2003 graduates: 700  
Fax: 909-869-4370  
Web site: <http://www.csupomona.edu>

*Cal Poly Pomona's College of Engineering strives to educate engineers and technologists to meet increasingly more complex technical and socio-economic challenges. It provides study opportunities in twelve engineering disciplines leading to Bachelor of Science degrees in Aerospace, Chemical, Civil, Computer Engineering, Electrical, Industrial, Manufacturing, Materials, Mechanical, Engineering Technology, Construction Technology, Electronics & Computer Technology engineering. All of the undergraduate engineering curricula are accredited by the Accreditation Board for Engineering and Technology (ABET).*

**CALIFORNIA STATE UNIVERSITY, LONG BEACH (CSULB)**

**College of Engineering**

1250 Bellflower Blvd. Dean: Dr. Richard Williams  
Long Beach, CA 90840 No. of Students: 1,471  
Tel: 562-985-4271 2002-2003 graduates: 452  
Fax: 562-985-8022  
Web site: [www.csulb.edu/colleges/coe/et/](http://www.csulb.edu/colleges/coe/et/)

*Cal State Long Beach offers a Bachelor of Science in Engineering Technology (BSET). BSET has several program options, such as computer technology, electronics technology, environmental technology, manufacturing technology, and quality assurance technology. Cal State Long Beach also offers a bachelor degree in electrical engineering with an emphasis in analog, communications, controls, digital & computer, digital signal processing, and power.*

**Department of Design**

1250 Bellflower Blvd. Dept. Chair: Tor Hovind  
Long Beach, CA 90840 No. of Students: 230  
Tel: 562-985-5089 2002-2003 graduates: 34  
Fax: 562-985-2284

Web Site: <http://www.csulb.edu/design>

*The Department of Design at Cal State Long Beach offers a Bachelor of Science degree in Industrial Design that prepares designers whose professional function will be to help shape the products and systems produced by industrial process. The internationally renowned program includes studies in rapid visualization, aestheticism, materials and processes, presentation techniques, design methodology, marketing, product development, human factors, and product costing.*

**CALIFORNIA STATE UNIVERSITY, LOS ANGELES (CSULA)  
School of Engineering and Technology**

5151 State University Dr. Dean: Raymond Landis  
Los Angeles, CA 90032  
Tel: 323-343-4500  
Fax: 323-343-4555  
Web site: <http://www.calstatela.edu>

*Cal State L.A. has several engineering programs available to students. These programs are separated into departments such as civil engineering, electrical and computer engineering, mechanical engineering, and technology engineering.*

**Mathematics, Engineering, Science Achievement Center (MESA)**

School of Engineering and Technology  
5151 State University Dr., E & T Rm. A136  
Los Angeles, CA 90032-8150  
Tel: 323-343-4527 (MEP), 323-343-2490 (MSP)  
Fax: 323-343-4555

*The MESA Center assists in training the world's future mathematicians, engineers, and scientists. It serves educationally disadvantaged students and emphasizes participation by students from groups with low eligibility rates for four-year colleges. The Center consists of two student programs: the MESA Schools Program (MSP), a pre-college program, and the MESA Engineering Program (MEP) which focuses on students enrolled at California State L.A.'s engineering and computer science majors. They are designed specifically to increase the number of these students who earn college degrees in math, science, and engineering.*



**CALIFORNIA STATE UNIVERSITY, NORTHRIDGE (CSUN)  
College of Engineering and Computer Science**

18111 Nordhoff St. Dean: Dr. Larry Carretto  
Northridge, CA 91330  
Tel: 818-677-4501  
Fax: 818-677-2140  
Web site: <http://www.csun.edu/~ecsdean>

*The College of Engineering and Computer Science has five department offering Bachelor programs in computer engineering and mechanical Engineering, civil engineering, computer science, electrical engineering, manufacturing systems engineering and mechanical engineering. Masters degree in engineering with options in applied mechanics, automation engineering, materials engineering, mechanical engineering and structural engineering and Masters Degree in electrical engineering and engineering management. CSUN is committed to providing students with a proper balance between basic theory and practical experience that makes its graduates immediately productive on the job. Part of the practical experience involves working closely with industrial partners to bring current problems into the classroom.*

**CITRUS COLLEGE**

**Engineering**

1000 W. Foothill Blvd. Dean: James Williams  
Glendora, CA 91741  
Tel: 626-914-8794  
Web site: <http://www.citruscollege.com>

*The Engineering Department offers two tracks: The first track is designed to prepare a student for transfer to a four year college, the second track offers, along with the opportunity to transfer, more pragmatic and applied aspects of engineering.*

**COLLEGE OF THE CANYONS**

**Engineering**

26455 Rockwell Canyon Rd. Prog. Coord: Dr. Richard Clark, Jr.  
Santa Clarita, CA 91355  
Tel: 661-362-3039  
Web site: <http://www.coc.cc.ca.us>

*This intensive program offers students an excellent environment for gaining first-hand knowledge of fundamental engineering principles along with their application through creative in-class assignments and cooperative education positions. Students will also have the opportunity to participate in student chapters of professional engineering societies. The Engineering program is in a state of development and expansion and is designed to award an associate degree to those students who have completed a course of specialization in engineering.*

**EAST LOS ANGELES COLLEGE**

**Engineering Technology**

1301 Avenida Cesar Chavez Dept. Chair: Robert A Stevenson  
Monterey Park, CA 91754  
Tel: 323-265-8858  
Web site: <http://www.east.la.tripod.com>

*The Engineering Technology and Production Technology students take a series of engineering technology courses and usually complete a core of applied mathematics and applied physics courses. Successful completion of this 42-unit program will be awarded a Certificate of Achievement and may also qualify to obtain a certificate in "Computer Aided Drafting (CAD)" or "Computer Aided Drafting/Design (CADD)".*

**HARVEY MUDD COLLEGE**

**Engineering Department**

301 E. 12<sup>th</sup> St. Dept. Anthony Bright  
Claremont, CA 91711 No. of Students: 127  
Tel: 909-621-8019 2002-2003 graduates: 64  
Fax: 909-621-8967  
Web site: <http://www.eng.hmc.edu>

*Based on the premise that the primary function of engineering is design, the engineering program provides broad-based knowledge and experience in synthesis as well as analysis. It is designed to prepare students for professional practice as well as advanced study in various engineering specialties. Leading to an unspecialized bachelor's or master's degree, the program emphasizes an interdisciplinary approach to problem solving.*

## LOS ANGELES CITY COLLEGE

### Architecture

855 N. Vermont Ave. Dept. Chair: Norman Schwab  
 Los Angeles, CA 90029  
 Tel: 323-953-4220  
 Web site: <http://www.lacc.cc.ca.us>

*The Architecture student pursues studies in pursuit of the following five objectives:*

- *Understanding of today's architecture, its forms, functions and sources, its continuity with the past, and its relation to the present.*
- *Knowledge of the fundamental building techniques.*
- *Ability to analyze, synthesize, organize, and create, employing orderly processes of thought and action.*
- *Knowledge and understanding of human culture, its nature, its history, and environment as it relates to its buildings.*

### Engineering

Dept. Chair: John Griffith  
 Tel: 323-953-4319

*The Certificate or Associate in Arts degree in Engineering Technology program prepares students to enter industry or government service in positions as engineering aides, engineering draftspersons, and engineering technicians and technologists.*

## LOS ANGELES MISSION COLLEGE

### Engineering

13356 Eldridge Ave.  
 Sylmar, CA 91342  
 Tel: 818-364-7600  
 Fax: 818-364-7806  
 Web site: <http://www.lamission.cc.ca.us>

*The L.A. Mission College has developed a comprehensive Engineering program, which includes the fundamental sciences such as Chemistry, Mathematics, and Physics, plus vocational courses in two- and three-dimensional CADD and CAM. The Engineering Lab includes state-of-the-art computers as well as a Materials Testing Lab, and computer operated,*

*numerically controlled milling machine and lathe. The program is updated regularly to meet the needs of the students and the community. An A.S. degree in Engineering is awarded upon completion of the program.*

## LOYOLA MARYMOUNT UNIVERSITY (LMU)

### Frank R Seaver College of Science and Engineering

1 LMU Drive Assoc. Dean: Tom Calder  
 Los Angeles, CA 90045 No. of Students: 900  
 Tel: 310-338-2833 2002-2003 graduates: 200  
 Fax: 310-338-7339  
 Web site: <http://www.lmu.edu>

*The Seaver College of Science and Engineering of LMU has a mission of providing students with the best possible education in science, engineering, and mathematics with a particular emphasis on self-learning, service to society and ethical behavior. The College offers BS degree in Civil, Electrical, and Mechanical Engineering; MS degrees In Civil, Electrical, and Mechanical Engineering, Environmental Science, Computer Science and Engineering Management.*

## UNIVERSITY OF CALIFORNIA, LOS ANGELES (UCLA)

### School of Engineering and Applied Science

Adm. Boelter Hall Dean: Dr. A.R. Frank Wazzan  
 10995 Le Conte Ave. No. of Students: 3,369  
 Westwood, CA 90024 2002-2003 graduates: 1,038  
 Tel: 310-825-2826  
 Fax: 310-206-2682  
 Web site: <http://www.engineer.ucla.edu>

*The School of Engineering and Applied Science is at the leading edge of technological development for military and civilian applications. The school offers traditional engineering programs such as aerospace, electrical engineering and computer science, and is advancing research in the evolving fields of biomedical engineering, wireless communications and networking, and micro machines.*

**UNIVERSITY OF SOUTHERN CALIFORNIA (USC)**

**School of Engineering**

Olin Hall of Engineering, B13      Dean: C. L. Max Nikias  
Los Angeles, CA 90089      No. of Students: 5,200  
Tel: 213-740-4530  
Fax: 213-740-8690  
Web site: <http://www.usc.edu/dept/engineering/>

*The USC School of Engineering has grown from a small program established more than 100 years ago to the large and diverse unit that it is today. The first Engineering courses were offered in 1905. Engineering, the University's second largest professional school is comprised of seven departments listed below and offers more than 30 bachelor's programs and options.*

**Chemical Engineering**

Hedco Petroleum & Engineering Building 216  
Los Angeles, CA 90089      Dept. Chair: Dr. Muhammad Sahimi  
Tel: 213-740-2225  
Fax: 213-740-8053  
Web site: <http://www.usc.edu/dept/che>

*USC offers several degree options including polymer science engineering, biochemical engineering, environmental engineering, manufacturing engineering and petroleum engineering. Emerging fields in chemical engineering include biotechnology, the design of environmentally benign processes, and synthesis of new materials.*

**Civil and Environmental Engineering**

Kaprielian Hall 210  
Los Angeles, CA 90089      Dept. Chair: Dr. Carter Wellford  
Tel: 213-740-0603  
Fax: 213-744-1426  
Web site: <http://www.usc.edu/dept/civil eng/dept>

*Civil engineering is a diverse field with a number of options including building science, structures, water resources, construction engineering and management, and environmental engineering. Major research facilities include laboratories for structural components, dynamics, geomechanics, concrete, hydrodynamics, earthquake data collection and processing*

**Electrical Engineering**

Powell Hall of Engineering 604  
Los Angeles, CA 90089      Dept. Chair: Dr. John Choma  
Tel: 213-740-4700  
Fax: 213-740-8677  
Web site: <http://www.usc.edu/dept/ee/index.html>

*Electrical engineering is a diverse discipline encompassing computer and information systems, controls, lasers, robotics, photonics, signal processing, artificial intelligence telecommunications, solid state and integrated electronics, and more. The electrical engineering curriculum provides a diverse background in physics, materials and mathematics, balancing fundamental core courses with the newest development in engineering technology.*

**Mechanical Engineering**

Olin Hall 430  
Los Angeles, CA 90089      Dept. Chair: Prof. Mike Kassner  
Tel: 213-740-0484  
Fax: 213-740-8071  
Web site: <http://www.usc.edu/dept/engineering/mecheng>

*USC's Mechanical Engineering program prepares students for a career in industrial practice, research or teaching. Engineers will be prepared to address future technological needs such as working with engineered materials, robotics for manufacturing, materials handling, space applications, technology for emission controls, and environmental safety.*

**Systems Architecture and Engineering**

USC School of Engineering  
University Park      Assoc. Dean: Dr. Elliott I. Axelband  
Los Angeles, CA 90089  
Tel: 213-740-6688  
Web site: <http://www.usc.edu/dept/engineering/sae>

*The M.S. in Systems Architecture and Engineering is an interdisciplinary program administered by the Department of Industrial and Systems Engineering in cooperation with the departments of Aerospace and Mechanical Engineering, Civil Engineering, Computer Science, Electrical Engineering, and the USC Marshall School of Business Administration.*

*The emphasis of this program is on the creative process by which complex systems are conceived, planned, designed, built, tested and certified. The architecting experience can be applied to defense, space, aircraft, communications, navigation, sensor, computer software, computer hardware, and other commercial systems and activities.*

**USC Information Sciences Institute (ISI)**

4676 Admiralty Way, Suite 1001

Marina del Rey, CA 90292-6695

Tel: 310-822-1511

Exec. Director: Dr. Herbert Schorr

Fax: 310-823-6714

*Over the last 30 years, the University of Southern California's Information Sciences Institute (ISI) has emerged as one of the world's leading research centers in the fields of computer science and information technology. ISI has been long time contributor to the nation's information technology knowledge base, and is actively engaged in a broad spectrum of information processing research, as well as being heavily involved in the development of advanced computer and communication technologies. ISI currently has more than 300 researchers, graduate students, and staff. We are always looking for new collaborators-new students, new researchers, and new institutional, business and government partners.*

**Institute for Creative Technologies (ICT)**

4676 Admiralty Way, Suite 1001

Marina del Rey, CA 90292-6695

Tel: 310-822-1511

Exec. Director: Richard Lindheim

Fax: 310-823-6714

Web Site: <http://www.ict.usc.edu/>

*The United States Army and the University of Southern California (USC) have joined to establish the USC Institute for Creative Technologies (ICT) that will develop state-of-the-art modeling and simulation technologies for the military and educational purposes. The basic research will cover six areas: simulated "immersion" by users in the technological experience; networking and databases; story; characters; setup; and direction. Applied research will be organized around a small number of long-term themes such as simulating futuristic "Army After Next" forces. Researchers from the USC School of Cinema-Television, the USC School of Engineering and*

*USC's Annenberg School for Communication will collaborate with the entertainment industry in the interdisciplinary research program.*

**Institute for Robotics and Intelligent Systems (IRIS)**

School of Engineering – University of Southern California

PHE 204, MC-0273

Los Angeles, AC 90089-0273

Tel: 213-740-6427

Fax: 213-740-7877

Director: Ram Nevatia

E-mail: [nevatia@usc.edu](mailto:nevatia@usc.edu)

Web site: <http://iris.usc.edu/iris.html>

*IRIS is an interdepartmental unit of USC's School of Engineering with ties to USC's Information Sciences Institute (ISI). Members include faculty, graduate students, and research staff associated with different laboratories. Founded in 1986, it provides a focal point for government- and industry-sponsored research in robotics, machine vision, and manufacturing systems. IRIS publishes a Technical Report Series coordinate a comprehensive educational program at USC, and holds monthly seminars.*

**Associations**

**AMERICAN INSTITUTE OF ARCHITECTS (AIA)**

**Los Angeles Chapter**

3780 Wilshire Blvd., Suite 800

Los Angeles, CA 90010

Tel: 213-639-0777

Fax: 213-639-0767

Web site: <http://www.aialosangeles.org>

*The American Institute of Architects comprises some 300 chapters across the United States, organized to serve the needs of architects at the national, state, and local levels. These chapters may be of assistance to individuals seeking information about architects in specific areas of the country.*

## **AMERICAN SOCIETY OF LANDSCAPE ARCHITECTS**

### **Southern California Chapter**

1100 Irvine Blvd., Ste. 371  
Tustin, CA 92780  
Tel: 714-838-3615  
Fax: 714-730-6296  
Web site: <http://www.asla.org>

*The American Society of Landscape Architects (ASLA) is a national professional society that represents the landscape architecture profession in the United States. The ASLA was first organized in 1899 and today serves over 14,000 landscape architects in public, private, and academic practices. The mission of the ASLA is to lead, to educate, and to participate in the careful stewardship, planning, and artful design of our cultural and natural environments.*

## **ASSOCIATION FOR WOMEN IN ARCHITECTURE (AWA)**

386 Beech Avenue, Unit B4  
Torrance, CA 90501  
Tel: 310-533-4042  
Web site: <http://www.awa-la.org>

*The Association for Women in Architecture is an organization of individuals dedicated to forwarding the position of women in architecture and related fields and to advancing these professions. AWA members enjoy a monthly newsletter, regular meetings, tours of places of interest, and networking with others of similar interest in the professions allied with architecture.*

## **AMERICAN INSTITUTE OF CHEMICAL ENGINEERS (AIChE)**

### **Southern California Section**

Headquarters:	Local Section Chair: Eric Anderson
3 Park Ave.	Tel: 310-274-7368
New York, NY 10016	E-mail: <a href="mailto:roentgen@earthlink.net">roentgen@earthlink.net</a>
Tel: 212-591-7328	Web site: <a href="http://www.geocities.com/aiche_sc">http://www.geocities.com/aiche_sc</a>
Fax: 212-591-8882	
Web site: <a href="http://www.aiche.org">http://www.aiche.org</a>	

*The Southern California Section serves AIChE members in Los Angeles County and portions of Kern, Ventura, Riverside, and San Bernardino Counties. Dinner meetings are usually held on the third Tuesday of the month. Meetings are usually held at the Quiet Cannon Restaurant of the Montebello Country Club. However, tours and joint meetings with other professional societies may occasionally take place at other locations in Los Angeles or Orange Counties. AIChE also offers continuing engineering educational courses. This eight week seminar is lectured by experts and covers the following subjects:*

- PVT Relations and Material Balances
- Thermodynamics
- Multiphase Systems
- Separation Process
- Fluid Flow
- Heat Transfer
- Chemical Kinetics and Reactors

## **INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS, INC. (IEEE) LOS ANGELES COUNCIL (LAC)**

Web site: <http://www.ewh.ieee.org/r6/lac>

*IEEE is a non-profit, technical professional association of more than 362,000 individual members in 150 countries.*

*The primary function of IEEE is:*

- *To foster and establish technical developments and advancements in electrical and electronic standards for Design Engineering, Manufacturing, and Systems Integration.*
- *IEEE is a leading authority in technical areas, specialties ranging from: Computer Engineering, Biomedical Technology, Telecommunications, Electrical Power, Aerospace, Consumer Electronics, and many others.*
- *IEEE produces more than 30 percent of the worlds published literature in electrical and electronic engineering.*
- *It coordinates more than 300 major conferences, several hundred small conferences, and has more than 1000 University Branches worldwide.*

**STRUCTURAL ENGINEERS ASSOCIATION OF CALIFORNIA  
(SEAOC)**

5360 Workman Mill Rd.

Whittier, CA 90601

Tel: 562-908-6131

Fax: 562-692-3425

Web site: <http://www.seaint.org/seaosc>

*SEAOC offers the following benefits and services to members:*

- *Government relations with local and state legislative/regulatory/administrative bodies.*
- *Publications (newsletters & membership rosters)*
- *Educational seminars*
- *Annual convention/trade show*
- *State and Regional Awards programs*
- *Leadership development*
- *Valuable professional surveys*
- *Industry relations*

## Auto Design & Aftermarket Parts

*Employment (4/'01): 24,872*

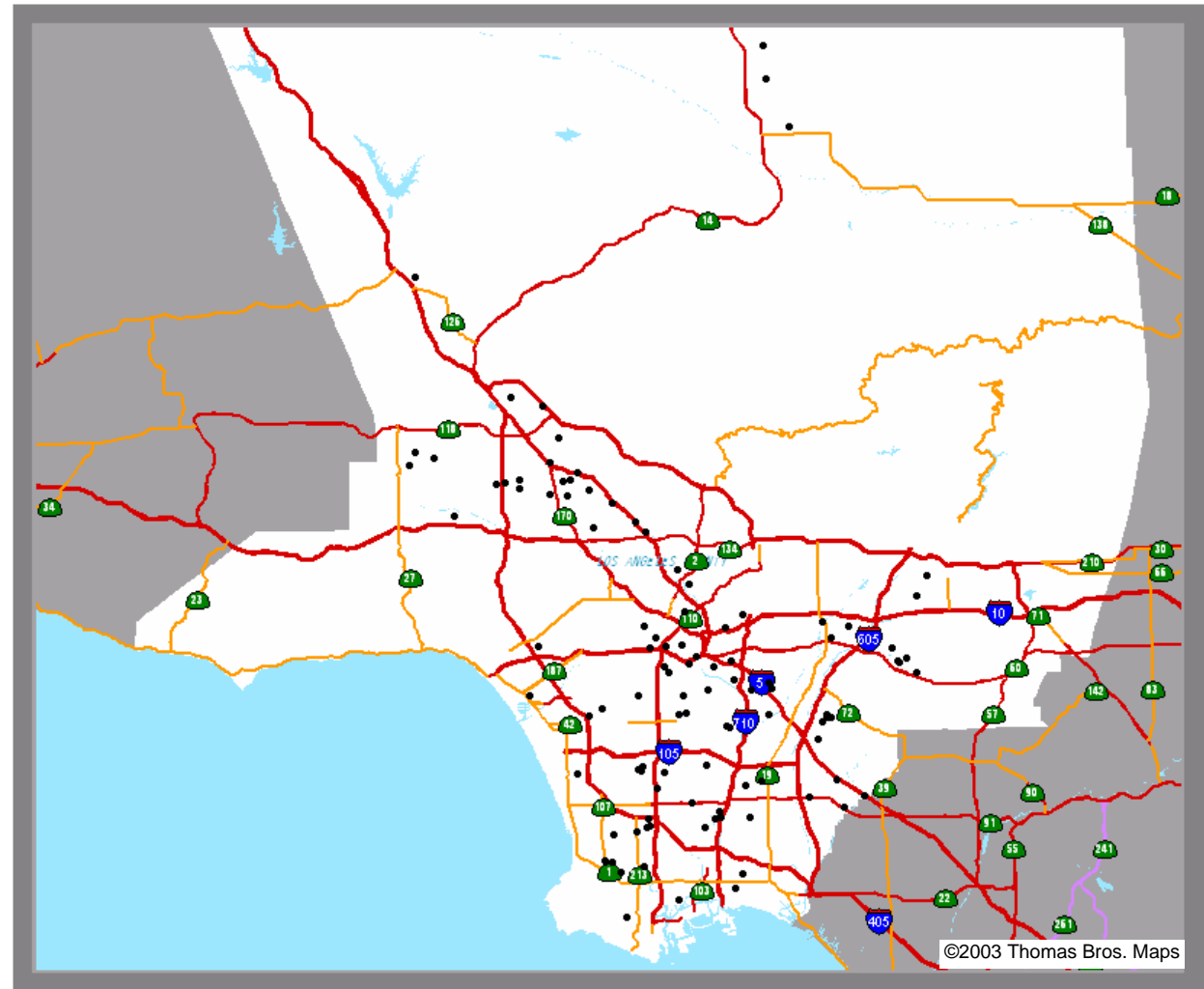
*Number of Establishments (4/'01): 1,134*

*Shipments/Receipts (1997): \$17.3 Billion*

NAICS Codes: 3361, 3363, 42111, 42112

Automakers have turned to L.A. County because of the region's vast pool of creative talent and the affinity residents have for their motor vehicles. The auto manufacturing and wholesaling industry, including aftermarket accessories, employs more than 24,000 workers in Los Angeles County.

Virtually every major automobile manufacturer has been attracted to Southern California, not only because of the car culture, but also to draw upon the auto design graduates of Pasadena's Art Center College of Design. There are now 19 industry-based automotive design centers in L.A. County, creating concepts and products for the global automobile market.



## **Education**

### **ART CENTER COLLEGE OF DESIGN**

#### **Transportation Design Department**

1700 Lida St. Dept. Chaikuyama  
Pasadena, CA 91103-1999 No. of Students: 113  
Tel: 626-396-2373 2002-2003 graduates: 45  
Fax: 626-795-0578  
Web site: <http://www.artcenter.edu>

*Transportation Design is one of nine divisions at the Art Center College of Design. The school has the oldest and one of the most respected and influential programs of automotive design in the country. The program seeks to provide a solid grounding in professional disciplines while nurturing the creativity and leadership of students through collaborations with working professionals and major companies.*

### **CERRITOS COLLEGE**

#### **Center for Advanced Transportation Technology**

11110 Alondra Blvd. Dept. Chair: Jon Bender  
Norwalk, CA 90650  
Tel: 562-860-2451 x2930  
Fax: 562-467-5005  
Web site: <http://www.cerritos.edu>

*Associate of art degrees or certificate options include general technician, electrical/diagnostic technician, and engine/machine shop. The College also offers corporate program associate of art degrees with General Motors Corporation (ASEP), Ford Motor Company (ASSET), and Chrysler Corporation (CAP).*

### **CITRUS COLLEGE**

#### **Transportation Technology Department, Automotive Technology**

1000 W. Foothill Blvd. Dept. Chair: Dennis K.  
Glendora, CA 91741-1899 No. of Students: 500  
Tel: 626-914-8738 2002-2003 graduates: 30  
Fax: 626-914-8703  
Web site: <http://www.citruscollege.edu>

*The Transportation Technology Department has numerous special programs in the automotive industry. The programs consist of Automotive Technology (general), Automotive Service Counsel (independent shop owners), Toyota, Diesel Technology, Isuzu Trucks, collision repair, technology, Motor Cycle Technology Program, Personal Water Craft Technology Program.*

### **EAST LOS ANGELES COLLEGE**

#### **Automotive Technology Department**

1301 Avenida Cesar Chavez  
Monterey Park, CA 91754-6099 Dept. Chair: Adrian Banuelos  
Tel: 323-265-8726 No. of Students: 85  
Fax: 323-260-8152 2002-2003 graduates: 15  
Web site: <http://www.elac.cc.ca.us>

*East Los Angeles College has a certificate program and a degree program in import automotive technology. Both programs were designed to provide students with a broad, comprehensive background of the automotive industry.*

### **LONG BEACH CITY COLLEGE**

#### **Technician Training Program**

Automotive Department  
1305 E. Pacific Coast Highway Dean: Farley Herzek  
Long Beach, CA 90806  
Tel: 562-938-3057  
Fax: 562-938-3973  
E-mail: [pherzek@lbcc.edu](mailto:pherzek@lbcc.edu)  
Web site: <http://www.lbcc.cc.ca.us/atech/>

*The Automotive Design Department of Long Beach City College offers the Light/Medium Duty-Compressed Natural Gas (CNG)/Liquefied Petroleum Gas (LPG) technician training program for alternative fuels. The advanced transportation technology (ATT) program meets the strict standards required for certification in the following areas: Electrical/Electronic Systems, Engine Performance, CNG Diagnosis and Repair, CNG Maintenance, and CNG Conversion/Installation, LP Diagnosis and Repair, and LPG Maintenance and LPG Conversion/Installation.*



## **LOS ANGELES TRADE TECHNICAL COLLEGE**

### **Automotive Technology Department**

400 W. Washington Blvd.      Assoc. Dean: David Schlesinger  
Los Angeles, CA 90015  
Tel: 213-763-7000      TDD: 213-763-5375  
Fax: 213-763-5393      Web site: <http://www.lattc.cc.ca.us>

*The Automotive Technology Department offers four programs leading to an A.S. degree or certificate. The programs offered are Automotive Collision Repair, Diesel truck and heavy equipment, and motorcycle repair. Training is regularly upgraded to keep pace with the constant change in automotive design and manufacture.*

## **PASADENA CITY COLLEGE**

### **Automotive Technology (All Automotive Systems)**

1570 E. Colorado Blvd.      Dean: Robert Navarro  
Pasadena, CA 91106  
Tel: 626-585-7267      Web Site: <http://www.paccd.cc.ca.us>

*The curriculum prepares the student for entry-level employment in automotive areas as an apprentice mechanic, assistant technician, installer, service technician, etc. Students receive hands-on experience in diagnosis and repair of late model automobiles. Instruction includes automotive engines, automatic and manual transmissions, and drive lines, suspension systems, braking systems (including ABS), and engine performance. Upon successful completion of the program a student receives credit for one year of work experience when applying for certification by the National Institute of Automotive Service Excellence (ASE).*

## **RIO HONDO COLLEGE**

### **Advanced Transportation Technologies Center**

3600 Workman Mill Road      Dean: Dr. Timothy McGrath  
Whittier, CA 90601  
Tel: 562-692-0921 x3712  
Fax: 562-463-4603      Web site: <http://www.rh.cc.ca.us>

*Rio Hondo was the first center in the nation to be NATEF certified in CNG (Compressed Natural Gas) light-duty vehicle training. The curriculum focuses on training and retraining of entry-level and currently employed practitioners. The Automotive Technology department offers four certificate programs: Automotive Collision & Repair, Alternative Fuels, Honda (PACT Program), and Isuzu Program.*

## **Associations**

### **SPECIALTY EQUIPMENT MANUFACTURER'S ASSOCIATION (SEMA)**

P.O. Box 4910  
Diamond Bar, CA 91765-0910  
Tel: 909-396-0289  
Fax: 909-860-0184      Web site: <http://www.sema.org>

*SEMA is a trade association that represents the producers and marketers of specialty equipment products and services for the automotive aftermarket. SEMA is active in the legislative and regulatory arena with offices in Washington DC, Brussels, and Mexico City. The Association also works closely with public agencies such as the California Air Resources Board to assist members in obtaining regulatory approvals for their products.*

*SEMA is committed to serve all the diverse sectors that make up the automotive aftermarket industry. Sub-organizations within SEMA have been established for automotive restorers, professional restylers, manufacturer representatives and manufacturers of Motorsport, Marine Performance, Street Rod, and mobile electronic products.*

## **Special Support**

### **WESTSTART-CALSTART**

2181 E. Foothill Blvd  
Pasadena, California 91107  
Tel: 626-744-5600      Email: [calstart@calstart.org](mailto:calstart@calstart.org)  
Fax: 626-744-5610      Web site: <http://www.calstart.org>

*WestStart-CALSTART is a non-profit organization dedicated to creating an advanced transportation technologies industry for California. It is made up of over 200 companies and organizations involved in the electronic, hybrid electric, natural gas and intelligent transportation systems. WestStart-CALSTART participants range from large companies like Toyota and Hewlett-Packard to small start-up technology businesses. WestStart-CALSTART has generated and is now managing over \$90 million in 50 different technology development programs.*

## **Banking & Finance**

*Employment (4/'01): 108,016*

*Number of Establishments (4/'01): 5,878*

*Receipts/Revenue (1997): \$18.1 Billion*

*NAICS Codes: 5221, 5222, 523, 52591*

### **Education**

#### **CALIFORNIA LUTHERAN UNIVERSITY**

##### **Business Administration – Finance**

60 West Olsen Rd. Dean: Dr. Charles Maxey  
Thousand Oaks, CA 91360  
Tel: 805-493-3360  
Web site: <http://www.clunet.edu>

*CLU School of Business provides a learning environment in which students can realize their full potential for professional preparation and personal growth. All Business Administration students complete a core managerial program comprised of courses in accounting, business law, finance, organizational behavior, computer information systems, marketing and strategic management. Students can choose a concentration in business economics, finance, international business, marketing, management, information technology management or small business/entrepreneurship.*

#### **CALIFORNIA STATE POLYTECHNIC UNIVERSITY (Cal Poly), POMONA**

##### **Finance, Real Estate, and Law**

3801 W. Temple Ave. Dept. Chair: Dr. Javad Kashefi  
Pomona, CA 91768 No. of Students: 450  
Tel: 909-869-2396  
Fax: 909-869-2124 Web site: <http://www.csupomona.edu/~frl>

*The Finance program studies the management flows of funds and claims against funds through corporations, banks, investment companies, insurance companies, or government agencies. The following are areas of concentration the FRL Department offers: General Finance, Security Analyst, Corporate Analyst, Financial Institutions, Multinational Finance, Real Estate Brokerage and Development, Real Estate Finance, Business Law, and Financial Management of Contracts.*

#### **CALIFORNIA STATE UNIVERSITY, DOMINGUEZ HILLS**

##### **Business Administration – Finance**

1000 E. Victoria St. Dean: Dr. Donald Bates  
Carson, CA 90747  
Tel: 310-243-3557  
Web site: <http://som.csudh.edu/finance>

*The Bachelor's degree program in Business Administration with a concentration in Finance offers the following courses: Real Estate Finance and Investment, Financial Institutions Management, Business Forecasting, Multinational Financial Transactions, and Cost Accounting among others.*

#### **CALIFORNIA STATE UNIVERSITY, LONG BEACH (CSULB)**

##### **Finance, Real Estate and Law**

1250 Bellflower Blvd. Dept. Chair: Dr. L.R. Runyon  
Long Beach, CA 90840  
Tel: 562-985-4569  
Web site: <http://www.csulb.edu/colleges/cba/finance>

*The objective of the Finance curricula is to prepare students for a successful career in business with an understanding of the financial decision making process and its impact within the overall framework of the business enterprise. It offers education in the management techniques and regulations applicable to financial management and investments. The Finance and Investment courses cover the following subjects: Business Finance (Financial Mgmt./Capital Budgeting), Investments, Capital Markets/Securities Markets, International Finance, and Personal Finance.*

# **CALIFORNIA STATE UNIVERSITY, LOS ANGELES (CSULA)**

## **Finance and Law**

5151 State University Dr. Dean: G. Timothy Haight  
 Los Angeles, CA 90032  
 Tel: 323-343-2870  
 Fax: 323-343-2885 Web site: <http://sbela.calstatela.edu/fin>

*Finance prepares students for positions in both large and small businesses, investments, and financial services. Students receive instruction in capital and current asset management, the sources of capital, securities, dividend policy, operation of the securities markets, investment research, and securities analysis.*

# **CALIFORNIA STATE UNIVERSITY, NORTHRIDGE (CSUN)**

## **Finance, Real Estate, and Insurance**

18111 Nordhoff St. Dept. Chair: William P. Jennings  
 Northridge, CA 91330 No. of Students: 344  
 Tel: 818-677-2459  
 Fax: 818-677-6079 Web site: <http://www.csun.edu/finance>

*The course of study in the Finance option develops the tools for financial analysis and for the valuation of a variety of types of investments. The Curriculum includes the study of financial policy matters and portfolio management, and analysis of the impact of risk on the individual investor and on the security markets.*

# **CERRITOS COLLEGE**

## **Accounting and Finance**

11110 Alondra Blvd. Dept. Chair: Michael Farina  
 Norwalk, CA 90650  
 Tel: 562-860-2451 x2730  
 Web site: <http://www.cerritos.edu/be/busa/busa.htm>

*The Accounting Department offers the most comprehensive range of accounting and finance courses offered by the California Community Colleges which include: Financial, Managerial and Cost Accounting; Income Tax and Payroll Tax Accounting; Computerized and Spreadsheet Accounting, Personal Finance and Stock Market Investment; and Occupational Work Experience. A Certificate or A.A. degree is obtained upon completion of the program.*

# **GLENDALE COMMUNITY COLLEGE**

## **Business Administration – Financial Planning & Investment**

1500 N. Verdugo Rd. Program Coord: Murray Levy  
 Glendale, CA 91208  
 Tel: 818-240-1000 x5479  
 Fax: 818-549-9436  
 E-mail: [mlevy@glendale.edu](mailto:mlevy@glendale.edu)  
 Web site: <http://www.glendale.cc.ca.us>

*This Certificate program is intended for the student interested in the business aspect of financial planning. Courses include: Financial Accounting, Income Taxation, Business Communications, Business Law, Financial Statement Analysis, Money and Banking, Investments, Money Management, and CIS.*

# **LOS ANGELES CITY COLLEGE**

## **Banking & Finance**

855 N. Vermont Ave. Dept. Chair: Luther Guynes  
 Los Angeles, CA 90029  
 Tel: 323-953-4000 x2541  
 E-mail: [guyneslc@lacitycollege.edu](mailto:guyneslc@lacitycollege.edu)  
 Web site: <http://www.lacc.cc.ca.us>

*The Certificate or Associate in Arts Degree in Banking and Finance program provides training for employment in such fields as banking, corporate finance, stocks and bonds, credits and collections, and savings and loan businesses.*

# **LOS ANGELES MISSION COLLEGE**

## **Business Finance**

13356 Eldridge Ave. Program Coord: Cleveland Rush  
 Sylmar, CA 91342  
 Tel: 818-364-7600 x7728  
 Fax: 818-364-7806  
 E-mail: [ruch@laccd.cc.ca.us](mailto:ruch@laccd.cc.ca.us)  
 Web site: <http://www.lamission.cc.ca.us/eds/Business>

*The Finance and Banking curriculum provides an in-depth understanding of the operations of money and capital markets institutions and management. The Finance and Banking curriculum is designed to prepare*

*students for employment in such fields as investing, banking, corporate finance, insurance, savings and loans, credit unions, mortgage banking and related fields. An Associate in Arts degree is awarded upon completion of the program.*

### **LOS ANGELES VALLEY COLLEGE**

#### **Banking and Finance**

5800 Fulton Ave. Dept. Chair: Earl B. Neal Jr.  
Valley Glen, CA 91401  
Tel: 818-947-2365  
Fax: 818-947-2359 Web site: <http://www.lavc.cc.ca.us>

*The Business Administration Department has several Certificate program options in Banking and Finance. The Banking Certificate can lead to positions such as: Teller, Accounts Desk, and Management Trainee. Courses include Business Computations, Accounting and Bookkeeping, Personal Finance and Investments, Business Law and Microcomputer Applications. The Bank Management Certificate can lead to positions such as Bank Manager, and Operations Officer. The Credit Administration Certificate can lead to positions such as: Credit Administrator and Loan Counselor. The Finance Certificate can lead to positions such as Loan Clerk, Insurance Agent, Brokerage Clerk, Mortgage Clerk, Underwriter, Claims Adjuster, and Actuarial Clerk.*

### **LOYOLA MARYMOUNT UNIVERSITY (LMU)**

#### **Business Administration – Finance**

7900 Loyola Blvd. Dept. Chair: Richard J. Perle  
Los Angeles, CA 90045  
Tel: 310-338-7503  
Fax: 310-338-3000 Web site: <http://www.lmu.edu/colleges/cba>

*The Bachelor of Business Administration Degree with an emphasis on finance prepares students for careers in the private and public sectors. Students develop skills in the application of concepts and techniques essential to financial planning, investments, and corporate planning. Finance courses include Financial Planning and Control, Risk Management and Insurance, Investments, Financial Policy, Real Estate Finance and Investments, Capital Markets, Multinational and the Third World, International Investments, and International Finance.*

### **PASADENA CITY COLLEGE**

#### **Business Management – Financial Investment**

1570 E. Colorado Blvd. Division Dean: Don Paxton  
Pasadena, CA 91106  
Tel: 626-585-7341  
Web site: <http://www.paccd.cc.ca.us/instdadmin/compsvcs/bused.htm>

*The Financial Investment curriculum prepares students for careers in investment banks, stock brokerage firms, insurance companies, and firms providing financial advice in buying and selling of stocks, bonds, or shares of mutual bonds. Courses include Principles of Banking, Consumer Lending, and Money and Banking. A Certificate of Achievement is awarded upon completion of the program.*

### **UNIVERSITY OF CALIFORNIA, LOS ANGELES (UCLA)**

#### **Finance**

The Anderson School at UCLA  
110 Westwood Plaza  
Box 951481 Program Coord: Brigitta Schumacher  
Los Angeles, CA 90095  
Tel: 310-825-1953 or 310-825-2508  
Fax: 310-206-5455  
Web site: [http://www.anderson.ucla.edu/acad\\_unit/finance](http://www.anderson.ucla.edu/acad_unit/finance)

*At the Anderson School, a specialization in Finance includes an examination of the funding markets and processes for financing enterprises as well as the effects of prices and the interest rates on assets and liabilities. The Anderson School also offers an MBA program as well as Ph.D. program.*

### **UNIVERSITY OF CALIFORNIA, LOS ANGELES (UCLA)**

#### **EXTENSION**

#### **Business – Finance**

10995 Le Conte Ave., Ste. 515  
Los Angeles CA 90024 Director: Karim Cheris  
Tel: 310-825-7031  
Fax: 310-206-7249  
Web site: <http://www.unex.ucla.edu>

*The Certificate in Business with a concentration in Finance program offers a solid foundation in business and management skills as well as the opportunity to specialize in Entrepreneurship. The program is designed for students planning to pursue careers in business as well as experienced professionals seeking skills enhancement.*

### **UNIVERSITY OF SOUTHERN CALIFORNIA (USC)**

#### **Finance and Business Economics**

Popovich Hall, Room 701

Dept. Chair: Thomas Gilligan

University of Southern California

Los Angeles, CA 90089

Tel: 213-740-6515

Web site: <http://www.marshall.usc.edu/FBE>

*The Finance and Business Economics Department seeks to examine the decision-making process and the role of markets in the allocation of both real and financial resources. Integrating the fields of finance and business economics, its faculty explores both theoretical and applied concepts in the related areas of corporate finance, investments, speculative and financial markets, real estate, insurance, banking, industrial organization and public policy towards business. Balanced emphasis is placed on both primary theory and its application of business problems.*

### **WHITTIER COLLEGE**

#### **Business Administration – Finance**

13406 Philadelphia St.

Dept. Chair: Haw-Jan Wu

P.O. Box 634

Whittier, CA 90608

Tel: 562-907-4931

Fax: 562-907-4956

Web site: <http://www.whittier.edu/academic/business>

*The B.A. in Business Administration provides a broad overview of the various sub-disciplines within business administration. For business administration majors wishing to receive more in-depth knowledge in one of the functional areas of business, the department offers the opportunity to pursue a concentration in each of the following: accounting, finance, international business, management, and marketing. Courses in Finance include: Financial Institutions, Business Finance, and Principles of Investments.*

### **WOODBURY UNIVERSITY**

#### **Business and Management – Finance**

7500 Glenoaks Blvd.

Dept. Chair: Satinder Dhiman, Ed.D

Burbank, CA 91510

Tel: 818-760-0888 x338

Web site: <http://www.woodbury.edu/programs/business>

*Woodbury University offers a major in Business & Management leading to the Bachelor of Science degree. This major provides a foundational core of business education. Depending on career objectives or present employment, a student may select one of five areas concentration: Entrepreneurship, Finance, Human Resource Development, International Business, or Management. Finance courses include: Insurance and Risk Management, Financial Planning, Money and Banking, Real Estate, Corporate Financial Policy, Investment Principles and Analysis, Financial Markets and Portfolio Analysis, Equities, Fixed Income Securities and Capital Markets, and International Finance.*

### **Associations / Support**

#### **AMERICAN BANKERS ASSOCIATION (ABA)**

1120 Connecticut Ave., N.W.

Washington, DC 20036

Tel: 1-800-BANKERS

Web site: <http://www.aba.com>

Regional Membership Manager:

Heather Harrell

Tel: 202-663-5184

Fax: 202-828-6071

*The American Bankers Association represents banks of all sizes on issues of national importance for financial institutions and their customers. The ABA, which was founded in 1875, brings together all categories of banking institutions, including community, regional and money center banks and holding companies, as well as savings associations, trust companies and savings banks.*

*Its mission is to serve its member banks and enhance their role as pre-eminent providers of financial services. ABA accomplishes this mission through federal legislative and regulatory activities, legal action, communication and consumer education, research and products and services that promote, educate, train, inform and support members.*

**CALIFORNIA ASSOCIATION OF INDEPENDENT BROKER DEALERS (CAIBD)**

Contact: Barry Smart

Tel: 1-800-659-8565

Web site: <http://www.caibd.com>

*A non-profit mutual benefit corporation, CAIBD is governed by a seven-member board of directors. Operating committees include Membership, Budget Planning, Programs, Compliance and Regulations, and Communication Coordination. Membership is open to duly licensed, California-based NASD Registered Broker Dealers by application and with the sign proposal of a current member.*

**CALIFORNIA BANKERS ASSOCIATION (CBA)**

201 Mission St., Suite 2400

San Francisco, CA 94105

Tel: 415-284-6999

Fax: 415-284-1520

Web site: <http://www.calbankers.com>

*Established in 1891, the California Bankers Association is the primary trade group representing 90% of California's commercial banks and industrial loan companies, thrifts, and newly open to savings institutions. CBA works to enhance the profitability, leadership and image of state chartered banks, national banks, trust companies, savings institutions and industrial loan companies. CBA benefits include: publication (Compensation and Benefits Benchmark Survey), meetings and programs, on-line training, and government relations.*

**SECURITIES INDUSTRY ASSOCIATION (SIA)**

120 Broadway, 35th Floor

New York, NY 10271

Tel: 212-608-1500

Fax: 212-608-1604

E-mail: [info@sia.com](mailto:info@sia.com)

*The Securities Industry Association (SIA) brings together the shared interests of nearly 700 securities firms to accomplish common goals. SIA member firms (including investment banks, broker dealers, and mutual fund companies) are active in all U.S. and foreign markets in all phases of corporate and public finance. SIA pledges to earn, inspire and maintain the public's trust and confidence in the securities industry and the U.S. capital markets.*

**THE FINANCIAL PLANNING ASSOCIATION  
LOS ANGELES CHAPTER**

P.O. Box 11378

Burbank, CA 91510

Tel: 1-800-722-7173

Fax: 818-843-7423

E-mail: [mail@fpala.org](mailto:mail@fpala.org)

Web site: <http://www.fpala.org>

*The Financial Planning Association (FPA) is a membership association for professionals in the financial planning community. Its 28,000 members are dedicated to supporting the financial planning process in order to help people. Achieve their goals.*

**THE LOS ANGELES SOCIETY OF FINANCIAL  
ANALYSTS, INC. (LASFA)**

900 Wilshire Blvd., Suite 1434

Los Angeles, CA 90017

Tel: 213-627-1500

Fax: 213-627-0398

Web site: <http://www.lasfa.org>

*The Los Angeles Society of Financial Analysts, Inc. (LASFA) is a non-profit organization that serves the financial community of Los Angeles. Its mission is to work in partnership with the Financial Analysts Federation, The Institute of Chartered Financial Analysts and the Association for Investment Management and Research to provide a professional forum to educate and inform participants in the investment decision-making process, to promote professional behavior and high ethical standards, and to enhance the professional knowledge of its membership and the general knowledge of economics and finance in the larger community.*

*Programs and Services include:*

- Topical programs, accounting and economic seminars
- Continuing education courses, outings, conferences
- USC/LASFA CFA Review Program
- Publications such as the Annual Report/Membership Directory, and Inside Information newsletter
- Job listings online

**THE NATIONAL ASSOCIATION OF SECURITIES DEALERS  
(NASD) – DISTRICT 2**

300 S. Grand Ave., Suite 1600

Los Angeles, CA 90071

Tel: 213-627-2122

Fax: 213-617-3299

Web site: <http://www.nasd.com>

Director: Lani M. Sen Woltmann

**NASD Benefits Department**

9509 Key West Ave.

Rockville, MD 20850

Tel: 240-386-5442

Fax: 240-386-5443

*The National Association of Securities Dealers (NASD) is the largest securities-industry self-regulatory organization in the United States. Through its subsidiaries, NASD Regulation, Inc., The NASDAQ Stock Market, Inc., NASD Dispute Resolution, Inc., and The American Stock Exchange, The NASD develops rules and regulations, conducts regulatory reviews of members' business activities, disciplines violators, and designs, operates, and regulates securities markets and services all for the ultimate benefit and protection of the investor. The NASD offers Member Benefits to help small-sized firms effectively manage risk; lower operating costs, and meets regulatory requirements.*

**SOUTHERN CALIFORNIA ASSOCIATION FOR FINANCIAL  
PROFESSIONALS (SCAFP)**

1804 W. Burbank Blvd.

Burbank, CA 91506

Tel: 818-843-5660

Fax: 818-843-7423

Web site: <http://www.scafp.net>

*The Southern California Assoc. for Financial Professionals (SCAFP), formerly known as Treasury Association of Southern California (TASC), is a non-profit organization established to provide a forum for open exchange of ideas, concepts and techniques related to the field of cash management. The purpose of the association includes:*

- *The dissemination of cash management information*
- *Solving problems involving treasury management*

- *Encouraging and supporting appropriate legislation*
- *Providing the membership with a facility for education and contacts within the cash management community.*

*Its mission is to serve the professional needs of corporate treasury management professionals including practitioners and service providers in Southern California.*

**Financial Regulators**

**DEPARTMENT OF FINANCIAL INSTITUTIONS (DFI)**

300 S. Spring St., Suite 15513

Los Angeles, CA 90013

Tel: 213-897-2085

Web site: <http://www.sbd.ca.gov>

*The Department of Financial Institutions regulates the safety and soundness of California's state chartered financial institutions. This is accomplished by encouraging observance of sound banking and business practices as well as by performing financial examinations of licensees. The Department licenses and regulates state-licensed banks, state-licensed credit unions, state-licensed savings and loans, trust companies, state-licensed offices of foreign banks, business and industrial development corporations, issuers of travelers checks and payment instruments (money orders), transmitters of money abroad, and state-licensed industrial banks. The Department's programs are supported by assessment of licensees, license and application fees and charges for various other services.*

**FEDERAL DEPOSIT INSURANCE CORPORATION (FDIC)**

Headquarters:

550 17<sup>th</sup> Street, N.W.

Washington, DC 20429

Tel: 202-393-8400

TDD: 800-925-4618

Web site: <http://www.fdic.gov>

San Francisco Regional Office:

25 Ecker St., Suite 2300

San Francisco, CA 94105

Tel: 415-546-0160

*The FDIC's mission is to maintain the stability of and public confidence in the nation's financial system. To achieve this goal, the FDIC has insured deposits promoted safe and sound banking practices since 1933.*

*The FDIC, in conjunction with other federal and state regulatory agencies, examines financial institutions to ensure they are conducting business in compliance with consumer protection rules and in a way that minimizes risk to their customers and to the deposit insurance funds. There are five categories of examinations: Community Reinvestment Act, Compliance, Information Systems and E-banking, Safety and Soundness, and Trust.*

#### **FEDERAL HOME LOAN BANK OF SAN FRANCISCO**

600 California St.  
San Francisco, CA 94108  
P.O. Box 7948  
San Francisco, CA 94120  
Tel: 415-616-1000  
Fax: 415-616-2626  
Web site: <http://www.fhlbsf.com>

*The Federal Home Loan Bank of San Francisco serves and is owned by its member financial institutions, which include commercial banks, savings institutions, credit unions, and industrial loan companies headquartered in Arizona, California, and Nevada. These members use their access to the Bank's innovative and competitively prices credit products to:*

- *Offer credit products that meet the needs of their customers*
- *Lower their cost of funds*
- *Enhance their asset/liability management*
- *Hold less liquidity on their books*
- *Reduce their exposure to interest rate risk, basis risk, and prepayment risk.*

#### **FEDERAL RESERVE BANK OF SAN FRANCISCO 12<sup>TH</sup> DISTRICT**

101 Market St. P.O. Box 7702  
San Francisco, CA 94105 San Francisco, CA 94120  
Tel: 415-974-2000  
Web site: <http://www.frbsf.org>

#### **Los Angeles Branch:**

950 S. Grand Ave. P.O. Box 512077  
Los Angeles, CA 90015 Los Angeles, CA 90051  
Tel: 213-683-2300

*The Federal Reserve's responsibilities include managing the nation's supply of money and credit; regulating certain banking institutions to ensure their safety and soundness; and Serving as a bank for depository institutions and the federal government.*

*The Reserve Banks provide banking services to depository institutions, such as maintaining reserve and clearing accounts; collecting checks; electronically transferring funds; and distributing currency and coin. The Federal Reserve is also fiscal agent to the federal government.*

#### **U.S. SECURITIES AND EXCHANGE COMMISSION (SEC)**

Headquarters:  
450 Fifth St., N.W.  
Washington, DC 20549  
Tel: 202-942-7040  
E-mail: [help@sec.gov](mailto:help@sec.gov)

Pacific Regional Office: Valerie Caproni – Regional Director  
5670 Wilshire Blvd., 11<sup>th</sup> Floor  
Los Angeles, CA 9036  
Tel: 323-965-3998  
Web site: <http://www.sec.gov>

*The primary mission of the U.S. Securities and Exchange Commission (SEC) is to protect investors and maintain the integrity of the securities markets. The SEC requires public companies to disclose meaningful financial and other information to the public, which provides a common pool of knowledge for all investors to use to judge for themselves if a company's securities are a good investment. The SEC also oversees other key participants in the securities world, including stock exchanges, broker-dealers, investment advisors, mutual funds, and public utility holding companies.*

*The SEC offers the public a wealth of educational information on its Internet website. The website also includes the EDGAR database of disclosure documents that public companies are required to file with the Commission.*



## **Biotechnology Biomedical & Health Services**

*Employment (4/'01): 311,331  
Number of Establishments (4/'01): 19,468  
Shipments/Receipts (1997): \$18.6 Billion  
NAICS Codes: 32541, 3391, 334510, 334516, 334517, 54171, 621, 622*

### **Research Universities**

#### **CALIFORNIA INSTITUTE OF TECHNOLOGY (CALTECH)**

##### **Division of Biology Research Programs**

1200 E. California Blvd. Dept. Chair: Dr. Elliot Meyerowitz  
Pasadena, CA 91125  
Tel: 626-395-4951  
Fax: 626-449-0756  
Web site: <http://www.caltech.edu>

*There are two major research programs at Caltech. One program focuses on molecular biology and the other program focuses on neurobiology. The programs use advanced techniques in genetics, biochemistry, and biophysics, including recombinant DNA and genetic transformation technology; new technology for sequencing and synthesizing DNA and proteins; and computers ranging from simple laboratory data-analysis systems to state-of-the-art parallel-processing computers.*

#### **CHARLES R. DREW UNIVERSITY OF MEDICINE & SCIENCE**

1731 E. 120<sup>th</sup> St. President: Dr. Charles K. Francis  
Los Angeles, CA 90059  
Tel: 323-563-5990  
Fax: 323-563-2229  
Web site: <http://www.cdrewu.edu>

*The University's research agenda encompasses both clinical and basic research aimed at a myriad of research interests reflecting the needs of the populations we serve, such as: HIV/AIDS, aging, diabetes, hypertension, intentional injury and death, neurobehavioral/neurological disorders, and*

*infertility. The University's research activities are conducted by individual faculty researchers as well as within an array of centers and institutes focused on specific research interest. A majority of the university's research projects are conducted in its teaching hospital, Martin Luther King, Jr. General Hospital. Together they comprise the King/Drew Medical Center. The University has three large research training programs designed to promote the development, training and entry of new faculty and students in the fields of basic and clinical research. The training programs are: Research Centers in Minority Institutions (RCMI), Clinical Research Center (CRC), and the Research Training Institute (RTI).*

#### **JET PROPULSION LABORATORY (JPL)**

4800 Oak Grove Dr.  
Pasadena, CA 91109 Director: Dr. Charles Elachi  
Tel: 818-354-7006  
Fax: 818-393-0034  
Web site: <http://www.jpl.nasa.gov>

*Managed for NASA by the California Institute of Technology, the Jet Propulsion Laboratory is the leading U.S center for robotic exploration. One area of research focuses on imaging technology, which is used currently for space exploration but has medical applications.*

#### **KECK GRADUATE INSTITUTE OF APPLIED SCIENCES**

535 Watson Drive Director: David Galas  
Claremont, CA 91711  
Tel: (909) 607-7855  
Fax: (909) 607-8086  
Web site: <http://www.kgi.edu>

*Keck Graduate Institute of Applied Sciences offers the professional Master of Bioscience (MBS) program which combines the scientific training associated with a traditional PhD program with the problem solving experience associated with engineering, and the management and leadership skills provided by an MBA degree. As a member of the Claremont Colleges, is the only American graduate school created exclusively for the emerging discoveries in the biosciences, and to the education of the leaders for the biosciences industry.*

### **UNIVERSITY OF CALIFORNIA, LOS ANGELES (UCLA)**

#### **School of Medicine**

10833 Le Conte Ave., Rm. 12-138 CHS

Los Angeles, CA 90095

Tel: 310-825-6373

Fax: 310-206-5046

Web site: <http://www.medsch.ucla.edu>

Dean: Dr. Gerald S. Levey

*The UCLA School of Medicine is a research-intensive institution. The opportunities for those wishing to participate in various academic programs are numerous and varied. Research is pursued in the basic sciences, translational/clinical investigation, health services and policy, and in many other related fields.*

#### **School of Dentistry**

Dental Research Institute

10833 Le Conte Ave.

Los Angeles, CA 90095

Tel: 310-206-6063

Fax: 310-794-7734

Web site: <http://www.dent.ucla.edu>

Dean: Dr. No-Hee Park

*The members of the Dental Research Institute are presently engaged in various research projects that include:*

- Oral Cancer/Carinogenesis/Molecular Oncology
- Viral Oncology
- Molecular Mechanisms of Periodontal Diseases
- Dental Implantology
- Pain Control/Pharmacology

#### **School of Nursing**

10833 Le Conte Ave.

Los Angeles, CA 90095

Tel: 310-434-3456

Fax: 310-434-3469

Web site: <http://www.nursing.ucla.edu/son>

Dean: Marie Cowan

*The UCLA School of Nursing was established in 1949 and has a national and international reputation for excellence in teaching, research, and clinical practice. Related clinical experiences are arranged within the UCLA Medical Center, its affiliates, or in selected community sites. The school offers B.S., M.S.N., and Ph.D. degree programs*

#### **Jules Stein Eye Institute**

Doris Stein Eye Research Center

Department of Ophthalmology

100 Stein Plaza

Los Angeles, CA 90095

Tel: 310-825-5053

Fax: 310-206-7488

Web site: <http://www.medsch.ucla.edu/som/jsei>

Director: Dr. Bartly Mondino

*The Jules Stein Eye Institute, the Doris Stein Research Center, and the UCLA School of Medicine's Department of Ophthalmology constitute a comprehensive center dedicated to the preservation of vision and the prevention of blindness through patient care, research, and education.*

#### **Jonsson Comprehensive Cancer Center**

8-684 Factor Building

UCLA Box 951781

Los Angeles, CA 90095

Web site: <http://www.cancer.mednet.ucla.edu>

Director: Dr. Judith Gasson

Tel: 310-825-5268

Fax: 310-206-5553

*The Jonsson Comprehensive Cancer Center conducts basic research on molecular, cellular and developmental biology, tumor immunology, viral & chemical carcinogenesis and signal transduction. The Institute also conducts clinical/translational research on breast cancer and leukemia (lymphoma, myeloma), bone marrow transplantation, hemoatopoiesis, prostate oncology, and solid tumor oncology.*

### **AIDS Institute**

11-934 Louis Factor Building  
10833 Le Conte Ave.  
Los Angeles, CA 90095  
Tel: 310-794-7209  
Fax: 310-794-7682  
Web site: <http://www.medsch.ucla.edu/aidsinst>

Director: Dr. Irvin Chen

*The mission of the UCLA AIDS Institute is to develop therapies and approaches to prevent and ultimately eliminate the threat of HIV/AIDS. The Institute also offers Pre & Postdoctoral AIDS Training opportunities such as AIDS Research Program and Behavioral Issues in Physical and Mental Health.*

### **UNIVERSITY OF SOUTHERN CALIFORNIA (USC)**

#### **Keck School of Medicine**

Keith Administration Building  
1975 Zonal Ave., Suite 500  
Los Angeles, CA 90089  
Tel: 323-442-1900  
Fax: 323-442-2722  
Web site: <http://www.usc.edu/keck>

Dean: Dr. Stephen J. Ryan  
No. Of Students: 900  
2002-2003 graduates: 193

*The Keck School of Medicine of USC, which is long renowned for its program on patient care, has gained prominence for its research in a variety of fields, including cancer, gene therapy, the neurosciences and transplantation biology. The school has more than 1,100 full-time faculty members and a voluntary faculty of 3,000. They direct studies for approximately 650 medical students and 250 students pursuing graduate degrees in basic sciences.*

#### **School of Pharmacy**

1985 Zonal Ave.  
Los Angeles, CA 90089  
Tel: 323-442-1369  
Fax: 323-442-1681  
Web site: <http://pharmacy.usc.edu>

Dean: Dr. Timothy M. Chan  
No. of Students: 733  
2002-2003 graduates: 164

*The USC School of Pharmacy was the first pharmacy school in Southern California. It was the first school to offer curriculum leading to the doctor*

*of pharmacy (Pharm.D.) degree (entry level), as well as the first to initiate a clinical curriculum in pharmacy. Areas of specialized research include molecular therapeutics and neuropharmacology, drug targeting, and pharmaceutical economics and policy.*

#### **School of Dentistry**

Norris Dental Science Center  
925 W. 34<sup>th</sup> St., Ste. 201  
Los Angeles, CA 90033  
Tel: 213-740-2841  
Fax: 213-740-8109  
Web site: <http://www.usc.edu/hsc/dental>

Dean: Dr. Harold C. Slavkin

*The School of Dentistry is one of only eight private dental schools in the nation. More than 60 percent of dentists in California are USC graduates. With several specialty clinics, it is a leading provider of oral health care for the region. The school also maintains numerous research and clinical programs on USC's health sciences campus.*

#### **Department of Biokinesiology and Physical Therapy**

Center for Health Professions Building  
1540 E. Alcazar St., Room 155  
Los Angeles, CA 90089-9006  
Tel: 323-442-2900  
Fax: 323-442-1515  
Web site: <http://chp.hsc.usc.edu/pt/>

Dept. Chair: James Gordon

*The Department of Biokinesiology and Physical Therapy provides students with a varied and innovative curricula backed by an award-winning faculty. The department offers a professional doctoral degree program and a Ph.D. program in biokinesiology (the nation's first). It is also one of only three sites in the country to offer the Doctor of Physical Therapy (DPT) degree.*

#### **Doheny Eye Institute**

Richard K. Earner Medical Plaza  
1450 San Pablo St., DEI-5706  
Los Angeles, CA 90033  
Tel: 323-442-6424  
Fax: 323-442-6402  
Web site: <http://www.usc.edu/hsc/doheny>

Chairman: Dr. Ronald Smith

*The Doheny Eye Institute is a private, non-profit organization dedicated to furthering the conservation, improvement, and restoration of human eyesight. Staffed primarily by USC faculty, Doheny encompasses six separate entities, including the Doheny Eye Clinic where USC physicians provide outpatient services for a variety of vision-related conditions. Optometric services are also available.*

#### **Doheny Retina Institute**

Richard K. Earner Medical Plaza      CEO: Dr. Eugene de Juan Jr.  
1450 San Pablo St., DEI-5706  
Los Angeles, CA 90033  
Tel: 323-442-6522  
Fax: 323-442-6460  
<http://www.usc.edu/hsc/doheny/html>

*Doheny Retina Institute has three key objectives:*

- *To rapidly develop new treatments, products and services for patients with severe retinal disease.*
- *To concentrate in the near term on achieving a 50 percent reduction in the vision loss associated with age-related macular degeneration.*
- *To develop over the long-term prevention for age-related macular degeneration.*

*Its leadership team has successfully invented and developed the “eye chip”, which may be able to restore sight to people suffering from degenerative diseases of the retina such as retinitis pigmentosa and age-related macular degeneration. The team is currently developing a new microsurgical technique known as Macular Translocation, designed to treat patients suffering from macular degeneration.*

#### **USC/Norris Comprehensive Cancer Center and Hospital**

1441 Eastlake Ave.  
Los Angeles, CA 90033  
Tel: 323-865-3000  
Fax: 323-865-3868  
Web site: <http://ccnt.hsc.usc.edu>

*USC/Norris researchers are leaders in gene therapy, anti-cancer vaccines and immunotherapy. The USC/Norris Cancer Hospital, one of only eight hospitals in the country dedicated exclusively to treating cancer patients,*

*and includes comprehensive inpatient and outpatient care. Treatment options include surgery, radiation therapy, and immunotherapy.*

#### **Department of Occupational Science and Occupational Therapy**

Center for the Health Professions Building  
1540 Alcazar St.      Dept. Chair: Dr. Florence Clark  
Los Angeles, CA 90033  
Tel: 323-442-2850  
Fax: 323-442-1540  
Web site: <http://www.usc.edu/hsc/ihp/ot>

*Established in 1942, the Department of Occupational Therapy is known for its innovative research, distinguished faculty and outstanding teaching and training programs. The Department is devoted to understanding the fundamental nature and importance of purposeful activities to humans and the role of balanced occupation in promoting health and wellness in all people. It was the first in the nation to offer a doctoral program in occupational science, and its Master of Arts degree in occupational therapy is now the oldest post-professional degree program in the field.*

#### **The Alfred E. Mann Institute for Biomedical Engineering**

1042 W. 36<sup>th</sup> Place, DRB 101      Director: Dr. Peter Staudhammer  
Los Angeles, CA 90089-1112  
E-mail: [amiusc@usc.edu](mailto:amiusc@usc.edu)  
Tel: 213-821-1745  
Fax: 213 821-1120  
Web site: <http://ami.usc.edu>

*The Alfred E. Mann Institute at the University of Southern California (AMI-USC) is a non-profit corporation engaged in biomedical research and development. The mission of AMI-USC is to conduct innovative biomedical research and to foster the development and commercialization of biomedical devices and other biomedical technologies. AMI-USC collaborates with the USC faculty to identify, validate, develop, and transition to private industry new concepts for use in promoting public health. Its aim is to move promising new technology from the idea stage to successful commercialization in a short period of time.*

**Center on Biodemography and Population Health (In Development)**

Ethel Percy Andrus Gerontology Center  
 University of Southern California  
 Los Angeles, CA 90089-0191  
 Tel: 213-740-5156  
 Fax: 213-740-0792

*UCLA and USC are partnering their health and aging disciplines to form the USC/UCLA Center on Biodemography and Population Health (CBPH). The CBPH will link demographers, biologists, economists, psychologists, epidemiologists, health policy specialists, medical researchers and clinical geriatricians in a common research environment specializing in the demography of aging. The center's primary mission is the integration and translation of information from these disciplines into their effects on the health status of the population and expected life span of these individuals. Integrating such multidisciplinary information is fundamental to understanding and projecting demographic trends and differences in population health.*

**Biomedical Engineering**

Olin Hall Engineering 500, MC-1451      Dept. Chair: Michael C.K. Khoo  
 Los Angeles, CA 90089      No. of Students: 325  
 Tel: 213-740-7237      2002-2003 graduates: 52  
 Fax: 213-740-0343  
 Web site: <http://www.usc.edu/dept/biomed>

*The mission of the Biomedical Engineering Department at USC is to advance biomedicine through the development and application of novel engineering ideas and technology. The department's innovative research and challenging educational programs derive from the multidisciplinary perspective provided by faculty diversely trained in areas such as neuroscience, medicine, computer science, mathematics, and electrical and mechanical engineering, as well as biomedical engineering.*

**USC/Biomedical Simulations Resource**

Olin Hall 500      Admin. Coordinator: Marcos Briano  
 3650 McClintock Ave.  
 Los Angeles, CA 90089-1451  
 Tel: 213-740-0342  
 Fax: 213-740-0343  
 E-mail: [marcos@bmsrs.usc.edu](mailto:marcos@bmsrs.usc.edu)  
 Web site: <http://bmsr.usc.edu>

*The Biomedical Simulations Resource (BMSR) in the Department of Biomedical Engineering at USC is dedicated to the advancement of the state-of-the art in biomedical modeling and simulation through Core and Collaborative Research projects. The dissemination of this knowledge and related software through Service, Training and Dissemination activities aimed at the biomedical community at large.*

*The BMSR includes four-core research projects:*

- *Nonlinear and Nonstationary Modeling of Biomedical Systems*
- *Pharmacokinetic/Pharmacodynamic Systems Analysis*
- *Dynamic Modeling of State-Cardiorespiratory Interactions*
- *Nonlinear Modeling of the Hippocampus*

*Collaborative Research Projects serve as challenging test grounds for the Resource's methodologies and expertise. The BMSR's service activities include the development, distribution and support of four software packages. ADAPT – PK/PD systems analysis, LYSIS – linear and nonlinear time series analysis and system modeling and simulation. PNEUMA – a Simulink-based set of programs designed to model neuro-chemical control of respiration that permits virtual experiments and simulation of the respiratory system and EONS-an interactive program that allows quantitative modeling of the structural and functional properties of neural synapses. The Resource's Training and Dissemination activities include short courses, advanced workshops and the publication of associated research volumes.*

**Other Education****AZUSA PACIFIC UNIVERSITY****School of Nursing**

901 E. Alosta Ave.

Azusa, CA 91702

Tel: 626-815-5377

Fax: 626-815-5414

Web site: <http://www.apu.edu/nursing>

Director: Connie Austin

No. of Students: 390

*The School of Nursing, established in 1975, offers baccalaureate and master's degrees, post-master's credential programs, and continuing education courses in nursing. Accredited by the Commission on Collegiate Education and the California Board of Registered Nursing. Some evening courses are offered for working professionals.*

**CALIFORNIA STATE POLYTECHNIC UNIVERSITY (Cal Poly),  
POMONA****Biotechnology**

Biological Sciences Department

3801 W. Temple Ave.

Dept. Chair: Dr. Lenard Troncale

Pomona, CA 91768

Tel: 909-869-4038

Fax: 909-869-4078

Web site: <http://www.csupomona.edu/~biology>

*The Biotechnology major is an interdisciplinary program, which provides students with strong background in both biology and chemistry. An important feature of this major is an internship in a biotechnology laboratory for practical experience in the field. The department offers a bachelor and master's degree in biology with emphasis in Biotechnology.*

**CALIFORNIA STATE UNIVERSITY, DOMINGUEZ HILLS  
(CSUDH)****School of Health**

1000 E. Victoria St.

Carson, CA 90747

Tel: 310-243-2046 Dean's Office

310-243-3819 Division of Health Science

310-243-3748 Clinical Science

Dean: Dr. Abel Whittemore

No. of Students: 1,583

310-243-2059 Division of Nursing

Web site: <http://www.csudh.edu>

*The School of Health is composed of the Division of Nursing, and the Division of Health Science. Degree and certificate programs are offered at both the graduate and undergraduate levels within these units.*

*Clinical Sciences provides one of the few four-year curricula in the country leading to a bachelor's degree and eligibility to take professional certifying examinations in the clinical options of medical technology and cytotechnology. For currently certified health professionals, a masters of Science program is available with options in bio-analysis, clinical science management or education.*

*Health Science offers three clinical options, two non-clinical options, a minor, two service courses, and a single subject equivalency for public schoolteachers. The department also offers roles within community health, health care management, orthotics and prosthetics, and occupational therapy.*

*Nursing programs are available to registered nurses (RN's) that desire completion of the Bachelor of Sciences degree or Master of Science degree. Graduate students are prepared for advanced practice in the roles of nurse educator, administrator, clinical nurse specialist, or nurse practitioner.*

**CALIFORNIA STATE UNIVERSITY, LONG BEACH (CSULB)  
Department of Electrical Engineering**

1250 Bellflower Blvd.

Dept. Chair: Dr. Fumio Hamano

Long Beach, CA 90840

Tel: 562-985-5102

Fax: 562-985-5899

Web site: <http://www.csulb.edu>

*The Electrical Engineering Department offers a bachelor's degree in engineering with emphasis in biomedical and clinical engineering. The program builds upon a strong base of biology, mathematics, physics, chemistry, and engineering science to develop a clinically oriented biomedical engineer to serve community medicine. Computer systems are used to simulate biological systems and to collect, process, and display physiological data.*

**Nursing Department**

College of Health and Human Services  
 1250 Bellflower Blvd. Program Coord: Donna Thomas  
 Long Beach, CA 90840  
 Tel: 562-985-4463  
 Fax: 562-985-2382  
 Web site: <http://www.csulb.edu/~nursing>

*The purpose of the Nursing Department in CSULB is to prepare competent professional nurses for staff and beginning leadership roles at the baccalaureate degree level; and for advanced leadership, practice, and teaching roles at the master's degree level. Through community service and clinical involvement of its faculty, administration, students, and alumnae, conveys a strong image of the social worth of nursing and its value to the community for which it is part. In addition, because of their special expertise in health care, faculty are called upon to shape and influence health care policy at local, state, and national levels.*

**CALIFORNIA STATE UNIVERSITY, LOS ANGELES (CSULA)**  
**Department of Nursing**

School of Health and Human Services  
 5151 State University Dr. Director: Judy Papenhausen  
 Los Angeles, CA 90032  
 Tel: 323-343-4730  
 Fax: 323-343-6454  
 Web site: <http://www.calstatela.edu>

*Cal State L.A. offers a bachelor program for beginning students and returning registered nurses. A masters program with options in nurse practitioner, nurse education, nurse administration, and psychiatric mental health/clinical nurse specialization and case management is also available. Students who want to become a school nurse should enroll in the School Nurse Credential Program. The programs are designed to prepare the students for careers in a variety of clinical settings in keeping with current changes in health care delivery.*

**CALIFORNIA STATE UNIVERSITY, LOS ANGELES (CSULA) –**  
**EXTENDED EDUCATION or REGULARLY ENROLLED**  
**Biotechnology Program (Post-Baccalaureate)**

5151 State University Dr. Director: Dr. Nancy Mc Queen  
 Los Angeles, CA 90032  
 Tel: 323-343-2036  
 Fax: 323-343-6451  
 Web site: [http://web.calstatela.edu/cont\\_ed/certificate/biotech.htm](http://web.calstatela.edu/cont_ed/certificate/biotech.htm)

*This certificate program provides intensive theoretical and laboratory training in the techniques and application of genetic engineering and related technologies. It is meant for students who have bachelor's degree or equivalent. Students use state-of-the-art instrumentation, well-equipped research training labs. The faculty is active in the statewide California State University Program for Education and Research in Biotechnology (CSUPERB). The Biotechnology Certificate can stand-alone or be incorporated into a Masters Degree in Biology.*

**CALIFORNIA STATE UNIVERSITY, NORTHRIDGE (CSUN)**  
**Biomedical Physics Program**

Department of Physics and Astronomy  
 18111 Nordhoff St. Dept. Chair: Dr. Julio R. Blanco  
 Northridge, CA 91330  
 Tel: 818-677-2775  
 Fax: 818-677-3234  
 Web site: <http://www.csun.edu/physics>

*The objectives of the Biomedical Physics program are:*

- *To provide a thorough introductory treatment of the basic sciences, biology, chemistry, and physics, including their interrelationships.*
- *To provide a more advanced discussion of basic physics principles and their applications in the fields of biology and medicine.*
- *To prepare students for careers in the health field, science teaching, industry, technical sales, government and private laboratories.*

**Department of Health Sciences**

Tel: 818-677-3101

Fax: 818-677-2045

Web site: <http://www.csun.edu/>

Dept. Chair: Roberta Madison

No. of Students: 1,200

2002-2003 graduates: 295

*The Department of Health Sciences at Cal State Northridge offers a variety of programs in the areas of: Health Education, B.S., MPH, Nursing, B.S.N., Radiologic Sciences, B.S. and Health Administration, B.S. and M.S.H.A.*

**Center for Health Research and Community Service**

18111 Nordhoff St.

Northridge, CA 91330

Tel: 818-677-3143

Fax: 818-677-2045

Web site: <http://hhd.csun.edu/hs/chrcs.html>

Director: Dr. Brian Malec

*The Center is non-profit and can accept donations as well as conduct fee-for-service events. It offers workshops, conferences, certificates of completion, a speaker's bureau, conducts research/scholarly projects, and other activities that benefit the community.*

**CITRUS COLLEGE****Nursing Program**

1000 W. Foothill Blvd.

Glendora, CA 91741

Tel: 626-914-8721

Fax: 626-914-8703

Web site: <http://www.citruscollege.com>

Director: Marilyn Collins

*Citrus College offers R.N. prerequisite courses and Vocational Nursing programs, as well as short-term workshops and refresher courses that are scheduled throughout the year. The programs allow students to become eligible to take the NCLEX-PN exam and qualify for certification and skill award. We accept 45-60 students in January and August. We also offer much other health occupation classes.*

**COLLEGE OF THE CANYONS****Nursing Department**

26455 Rockwell Canyon Rd.

Santa Clarita, CA 91355

Tel: 661-259-7800 x3557

Fax: 661-255-7438

Web site: <http://www.canyons.edu>

Dept. Chair: Sue Albert

No. of Students: 178

2002-2003 graduates: 90

*College of the Canyons has a two-year registered nurse program, an associate's degree program, an operating room class, an obstetrical nursing class, a nurse assistant precertification, and a home health aide program. These programs prepare students to take the national licensure examination. All have the phlebotomy course pending approval and a medical assistant course.*

**EAST LOS ANGELES COLLEGE****Nursing Department**

1301 Avenida Cesar Chavez

Monterey Park, CA 91754

Tel: 323-265-8896

Fax: 323-265-8631

Web site: <http://www.elac.cc.ca.us>

Dept. Chair: Lurelean G. Gaines

No. of Students: 135

*East Los Angeles College has a certificate program in Licensed Vocational Nursing and a degree program for becoming a Registered Nurse. The program allows for students to develop the necessary fundamental skills in patient/client care and implement critical thinking skills. Students also experience hands-on training in local health care facilities.*

**EL CAMINO COLLEGE****Nursing Program**

16007 Crenshaw Blvd.

Torrance, CA 90506

Tel: 310-660-3281

Web site: <http://www.elcamino.cc.ca.us/nursing>

Dean: Dr. James Schwartz

*The Nursing program prepares students for entry into the health care field as a registered nurse. It also offers advanced placement opportunities for transfer students and LVN/LPN's. El Camino College Associate Degree Nursing Department is one of the largest programs in California.*



**GLENDALE COMMUNITY COLLEGE****Nursing Department**

1500 N. Verdugo Rd.

Director: Sharon Hall, RN, Ed.D

Glendale, CA 91208

Tel: 818-551-5270

Fax: 818-551-5271

E-mail: shall@glendale.edu

Web site: <http://www.glendale.edu/nursing>

*The Glendale Community College Department of Nursing is accredited by the California Board of Registered Nursing and the California Board of Vocational Nursing and Psychiatric Technician Examiners. The nursing assistant class (CAN/HHA) is approved by the California Department of Health Services. The Department offers the four following programs: Generic Associate Degree Nursing (A.D.N.), Advanced Placement Options (LVN-RN), Vocational Nursing, and Certified Nursing Assistant and Home Health Aide*

**LONG BEACH CITY COLLEGE****Nursing Program**

4901 E. Carson St.

Director: Brenda Harrell

Long Beach, CA 90808

Tel: 562-938-4166

Web site: <http://www.lbcc.edu>

*The program is designed to be completed in two years and qualifies the student to take the NCLEX-RN licensing examination given by the State Board of Nursing. The A.S. degree graduate is qualified for immediate employment in acute care hospitals and many other health care facilities. The Department also offers a career ladder program for L.V.N. to advance to R.N., an Associate's degree or a certificate can be obtained after completion of the program.*

**LOS ANGELES CITY COLLEGE****Biomedical Electronics Technology**

855 N. Vermont Ave.

Dept. Chair: Roger Wolf

Los Angeles, CA 90029

Tel: 323-953-4000, x2811

Fax: 323-953-4013

Web site: <http://www.lacc.cc.ca.us>

*The Biomedical Electronics Technology program is designed to prepare graduates as first-line assistants to professional engineers, scientists, physicians, and surgeons in health service, medical laboratories and research agencies. The Biomedical Technologist is responsible for operating, maintaining, modifying, and installing instruments and other equipment designed for use in medical life support practice. Students may earn a Certificate or an Associate's Degree upon completion of the program.*

**LOS ANGELES HARBOR COLLEGE****Nursing Program**

1111 Figueroa Place

Director: Wendy Hollis

Wilmington, CA 90744

Tel: 310-233-4260

Web site: <http://www.lahc.cc.ca.us/nursing>

*The Program is the basic curriculum for registered nursing. It satisfies the requirements for the Associate of Science degree with a major in Nursing and enables the graduate to take the State Board of Registered Nursing Examination (NCLEX-RN) to obtain licensure as a Registered Nurse. The College also offers CAN/CHHA Program.*

**LOS ANGELES TRADE TECHNICAL COLLEGE****Nursing Program**

400 W. Washington Blvd.

Director: Dean: Gladys Smith

Los Angeles, CA 90015

Tel: 213-763-7000

TDD: 213-763-5375

Fax: 213-763-5393

Web site: <http://www.lattc.cc.ca.us>

*The Nursing curriculum combines nursing and general education courses with selected laboratory experiences during which students provide nursing care to clients, nutrition, geriatric nursing, maternal child health nursing, psychiatric nursing, pharmacology and nursing management and leadership. The College offers R.N. (A.S. degree) where upon completion of the program, graduates are eligible to apply for the State Board of Registered Nursing licensing examination (NCLEX). It also offers a vocational nursing program (certificate of completion) and completion of the program qualifies students to take the NCLEX-PN.*

# **MT. SAINT MARY'S COLLEGE**

## **Nursing Program**

Doheny Campus  
10 Chester Place  
Los Angeles, CA 90007  
Tel: 213-477-2630

Chalon Campus  
12001 Chalon Rd.  
Los Angeles, CA 90040  
Tel: 310-954-4230  
Web Site: <http://www.msmc.la.edu>

*The goal of nursing is directing, maintaining, and reinforcing the adaptation of person, families, and groups toward optimal health. The Nursing program has different levels of competencies for students to achieve their distinct potential. Options to select entry levels to promote career mobility are offered.*

# **MT. SAN ANTONIO COLLEGE**

## **Nursing Department**

1100 N. Grand Ave. Dept. Chair: Lane Braver  
Walnut, CA 91789  
Tel: 909-594-5611 x5630  
Fax: 909-468-4076  
Fax: 909-468-4037  
Web site: <http://www.mtsac.edu>

*The Nursing Program, approved by the California Board of Registered Nursing, is a two-year program designed to prepare individuals at the Associate Degree level for entry into the practice of registered nursing. The goal is to prepare registered nurses to provide direct client care. Graduates are eligible to take the examination leading to licensure as a Registered Nurse. The Department also offers LVN and Psychiatric Technician program.*

# **PASADENA CITY COLLEGE**

## **Biological Technologies Program**

1570 E. Colorado Blvd. Director: Dr. Wendie Johnston  
Pasadena, CA 91106-2003  
Tel: 626-585-7161  
Fax: 626-585-7978  
E-mail: [wajohnston@pasadena.edu](mailto:wajohnston@pasadena.edu)  
Web site: <http://www.paccd.cc.ca.us/biotech>

*The curriculum prepares students to work in entry level positions in the field of biotechnology in high-tech industry and institutions. Emphasis is on practical laboratory skills combined with training in quality assurance and quality control in a working laboratory setting. Students are kept informed on current advances in biotechnology by speakers from industry, internet assignments, and tours of local biotech facilities. The program offers classroom instruction plus supervised work experience in biotechnology industry. A Certificate of Achievement is awarded upon completion of the program.*

## **Nursing Department**

1570 E. Colorado Blvd.  
Pasadena, CA 91106-2003 Dean: Mary Wynn  
Tel: 626-585-7323  
Fax: 626-585-7977  
Web site: <http://www.paccd.cc.ca.us>

*PCC Nursing Division offers several Board Registered Nursing (BRN) and National League of Nursing (NLN) accredited programs. PCC has a registered nursing program, a licensed vocational nursing program, a certified nursing assistant program, and an emergency medical technician (EMT) program.*

# **RIO HONDO COLLEGE**

## **Nursing Program**

3600 Workman Mill Rd. Director: Marcia McCormick  
Whittier, CA 90601  
Tel: 562-692-0921 x3421  
Web site:  
<http://www.rh.cc.ca.us/departments/academic/healthscience/Nursing>

*The Associate Degree for Vocational Nursing Program is designed to prepare students for employment as staff nurses giving care to patients in a variety of settings, such as acute hospitals, extended care facilities, home health care, surgical centers, and medical offices. Students who complete the curriculum are qualified to take the examination leading to Licensed Vocational Nurse.*

### **SANTA MONICA COLLEGE**

#### **Nursing Program**

1900 Pico Blvd. Asst. Dean: Ida M. Danzey MSN, RN  
 Santa Monica, CA 90405  
 Tel: 310-434-3456  
 Fax: 310-434-3469  
 Web site: <http://www.smc.edu/healthsci>

*Santa Monica College offers an Associate Degree Nursing Program that prepares students to meet the minimum standards of the California Board of Registered Nursing and employment in the field. Upon completion of the program, graduates are eligible to take the National Council Licensing Examination to become a Registered Nurse.*

### **Research Hospitals**

#### **HARBOR-UCLA**

#### **Research and Educational Institute (REI)**

1124 West Carson Street Director: Arthur I. Zweben  
 Torrance, CA 90502-2064  
 Tel: 310-222-3635  
 Fax: 310-222-5474  
 E-mail: [researchpr@aol.com](mailto:researchpr@aol.com)  
 Web site: <http://www.humc.edu/rei>

*REI is an Independent, non-profit medical research and education organization funded by research grants from the National Institute of Health, Centers for Disease Control, corporate sponsored research agreements, federal state and county contracts, gift from corporations, private foundations and individuals. Its mission is "making discoveries through research to improve lives by advancing healthcare, education and community service.*

### **Specialized Research Institutions**

#### **HOUSE EAR INSTITUTE**

2100 W. 3<sup>rd</sup> St., 5<sup>th</sup> Floor  
 Los Angeles, CA 90057  
 Tel: 213-483-4431  
 TTY: 213-484-2642  
 Fax: 213-483-8789  
 Web site: <http://www.hei.org>

*HEI is a private, non-profit organization wholly supported by the generosity of individuals, corporations, and foundations, as well as government grants and contracts. It is staffed by 175 employees and organized with 19 specific departments, each one focusing on a vital area of research, education and administration for the Institute.*

*The Institute also offers a full range of pediatric hearing tests, etiologic and audiologic evaluation and treatment, rehabilitation, hearing aid dispensing and cochlear implant services. Outreach programs focus on families with hearing-impaired children.*

#### **CITY OF HOPE**

#### **National Medical Center and Beckman Research Institute**

1500 E. Duarte Rd. President: Gil Schwartzberg, J.D.  
 Duarte, CA 91010  
 Tel: 626-359-8111  
 Fax: 626-301-8462  
 Web site: <http://www.cityofhope.org>

*City of Hope (COH) is renowned for its treatment and research to combat cancer, diabetes, HIV/AIDS and other serious illnesses. In 1997, COH opened several new buildings including one of the largest ambulatory care centers on the West Coast devoted to cancer care and one of the only free-standing diabetes care and research facilities in the nation. It is one of the largest providers of bone marrow transplantation in the world.*

*The Institute offers a graduate program in Biological Sciences and grants Ph.D. degree upon completion of all necessary requirements. The time spent in the program is devoted to full-time study and research.*

### **Cancer Genetics Education Program**

Department of Clinical Cancer Genetics

1500 E. Duarte Rd.

President: Dr. Jeffrey Weitzel

Duarte, CA 91010

Tel: 626-359-8111

Web site: <http://www.infosci.coh.org/ccgp/default.htm>

*The Program offers a series of comprehensive learning tools designed to enhance the education of primary care physicians and clinical oncology professionals on the topics of cancer genetics and cancer risk assessment, and their application to patient care. Through a series of educational courses, workshops, seminars, newsletters and a direct, interactive electronic communications network, professionals can be tutored in the latest information about the industry.*

### **Continuing Medical Education**

Chair: Dr. Robert Morgan

Tel: 626-301-8895

Web site: <http://www.cityofhope.org/cme>

*The Continuing Medical Education Program is for physicians who would like to further their knowledge or keep up-to-date in the following topics: ovarian cancer, genetics, neurosurgery, head and neck cancer, and prostate cancer.*

### **Center for Biomedicine and Genetics (CBG)**

Dr. Larry A. Couture

Tel: 626-256-8728

Web site: <http://www.cityofhope.org/ott>

*The Center for Biomedicine & Genetics is dedicated to facilitating the development of innovative biologicals created by City of Hope investigators, colleagues, and partners for the therapeutic benefit of patients with cancer, diabetes, viral disease and other life-threatening illnesses, and to establish working relationships with regional biopharmaceutical and academic organizations.*

### **HUNTINGTON MEDICAL RESEARCH INSTITUTES**

Web site: <http://www.hmri.org>

99 N. El Molino Ave.

Pasadena, CA 91101

(cardiology research & cancer)

Tel: 626-397-4343

660 S. Fair Oaks Ave.

Pasadena, CA 91101

(magnetic resonance labs, clinics & MEG)

Tel: 626-397-5840

734 Fairmount Ave.

Pasadena, CA 91101

(Neural engineering labs)

Tel: 626-397-5850

*HMRI is an independent, non-profit, public-benefit organization dedicated to improving health and prolonging life by enhancing knowledge of life processes and disease, and by developing technology to diagnose and treat diseases.*

*It is widely known for development of the hydrocephalus shunt to treat "water-on-the-brain," for pioneering studies on biomedical applications of laser energy, for basic and applied cancer research, for development of electronic neural rehabilitation technology, for studies in vascular biology and for development of methods and applications of medical magnetic resonance, including imaging (MRI) and spectroscopy.*

*HMRI conducts internationally recognized research programs in cancer, heart and neurological disease, cell biology, molecular oncology and cancer genetics, neurosurgery, magnetic resonance, immunotherapy, and magnetoencephalography (MEG).*

*HMRI also provides advanced training in magnetic resonance spectroscopy, co-sponsors postdoctoral fellowships with CalTech, and conducts mentor programs for college and graduate level science students and the Pasadena Health Careers Academy.*

### **JOHN WAYNE CANCER INSTITUTE**

2200 Santa Monica Blvd.  
Santa Monica, CA 90404  
Tel: 310-449-5250  
Fax: 310-449-5259  
Web site: <http://www.jwci.org>

*The mission of the John Wayne Cancer Institute at Saint John's Hospital and Health Center is to prevent and cure cancer in all its forms and to improve the quality of life for those afflicted with this disease. The Institute's prevailing philosophy is that optimum cure rates for cancer require integrating surgery into a multidisciplinary program of patient care and basic/clinical research. To this end, JWCI supports an internationally recognized team of scientists and clinicians dedicated to cancer research, state-of-the-art patient care, training of oncology scientists and clinicians, and education through outreach to broader scientific, medical, and lay communities.*

### **JOHN DOUGLAS FRENCH CENTER FOR ALZHEIMER'S DISEASE**

3951 Katella Ave. Exec. Director: Ferri F. Kidane  
Los Alamitos, CA 90720  
Tel: 562-493-1555  
Fax: 562-596-7526  
Web Site: <http://www.frenchalz.com>

*Opened in 1987, the French Center was the first facility in the nation designed and built exclusively to provide Alzheimer's care. Today, it provides a range of services designed to help patients, their families, healthcare professionals and the public, including: long-term care; weekend and short-term care; adult day programs; in-home care; support groups; caregiver publications; clinical research; educational programs; speakers bureau; and consultation service. The French Center is accredited by the Joint Commission on Accreditation of Healthcare Organizations.*

### **MAXINE DUNITZ NEUROSURGICAL INSTITUTE**

Cedars-Sinai Medical Center  
8631 W. 3<sup>rd</sup> St., Ste. 800 E Director: Dr. Keith Black  
Los Angeles, CA 90048  
Tel: 310-855-7900  
Fax: 310-967-0777  
Web site: <http://www.csmc.edu/nsi>

*The Maxine Dunitz Neurosurgical Institute (NSI) at Cedars-Sinai Medical Center is dedicated to advancing the field of neurosurgery, providing leading edge, compassionate clinical care and conducting unparalleled research for the full range of intracranial conditions.*

*The Institute specializes in the treatment of intracranial lesions including brain tumors, functional disorders, developmental and acquired anomalies, neurovascular diseases, trauma, neuralgias, and pediatric neurosurgery. Major research programs underway at the Institute's Research Center include the tumor immunology program, gene discovery program, gene therapy program, blood-brain barrier program, and surgical technology program.*

*The MDNSI was recently awarded \$559,250 to study possible links between air pollution and brain tumors. For more information, please click on AQMD Foundation grant.*

### **PASADENA BIOSCIENCE CENTER**

99 North El Molino Avenue  
Pasadena, CA 91101 Exec. Director: Susan J. Prado  
Tel: 626-397-5862  
Fax: 626-397-5863  
E-mail: [contact@pasadenabiosciencecenter.org](mailto:contact@pasadenabiosciencecenter.org)  
Web site: <http://www.pasadenabiocenter.org>

*The Pasadena Bioscience center is a non-profit organization created to support the growing biotechnology industry in the San Gabriel Valley, promoting new company formation by developing and coordinating specialized education and training for the biotechnology workforce.*

### **Associations/Support Programs**

#### **AMERICAN ELECTRONICS ASSOCIATION (AeA)**

##### **Los Angeles/Santa Barbara Council**

21300 Victory Blvd., Suite 680  
Woodland Hills, CA 91367  
Tel: 818-226-3800  
Fax: 818-226-0400  
Web site: <http://www.aeanet.org/AeACouncils/LACouncilStart.asp>

*The Los Angeles/Santa Barbara Council of AeA covers the area including San Luis Obispo County, Santa Barbara County, Ventura County, Los Angeles County, San Bernardino County and Las Vegas, NV. AeA represents a diverse array of technology companies that include aerospace defense, wi-fi, semiconductor, photonic equipment, software, hardware, service providers, data collection and storage, electronics, computers, telecommunications, and medical devices. AeA serves their members through advocacy, training, research, and business services.*

#### **HOSPITAL ASSOCIATION OF SOUTHERN CALIFORNIA (HASC)**

515 S. Figueroa St., Suite 1300  
Los Angeles, CA 90071  
Tel: 213-538-0700  
Fax: 213-629-4272  
Web site: <http://www.hasc.org>

*The HASC was established in 1923 as the first hospital association west of the Mississippi. Its mission is to serve the political, economic, informational and educational needs of hospitals and integrated delivery systems and improve the quality and accessibility of healthcare services, thereby improving the health status of communities. HASC consists of more than 200 hospitals (public, private, not-for-profit, for profit and specialty hospitals). The region covers six counties: Los Angeles, Orange, Santa Barbara, Ventura, Riverside and San Bernardino.*

#### **LOS ANGELES/ORANGE COUNTY EWDP BIOTECHNOLOGY CENTER**

Pasadena City College (PCC)  
1570 E. Colorado Blvd. Director: Dr. Wendie Johnston  
Pasadena, CA 91106  
Tel: 626-585-7161  
Fax: 626-585-7978  
E-mail: [wajohnston@paccd.cc.ca.us](mailto:wajohnston@paccd.cc.ca.us)  
Web site: <http://paccd.cc.ca.us/biotech/ednet/home.html>

Huntington Medical Research Institutes  
99 North El Molino Avenue  
Pasadena, CA 91101-1830  
Tel: 626-397-5861  
Fax: 626-397-5863  
Web site: <http://paccd.cc.ca.us/biotech/ednet/home.html>

*The EWDP Net Biotechnology Center's purpose is to facilitate and enable improved community college effectiveness in supporting biotechnology-related economic development in California. The statewide Biotechnology Education Consortium, led by community colleges and partnering with universities, public schools, and biotechnology firms, is laying the groundwork for comprehensive educational programs to prepare the workforce for new jobs. The ultimate objective is to develop a comprehensive approach to meeting biotechnology workforce and education needs. To that end, the centers and consortia are establishing job placement and student internship programs and developing model core curricula and academic support programs.*

#### **SCIENCE ALLIANCE OF SAN GABRIEL VALLEY**

Web site:  
<http://www.paccd.cc.ca.us/instadmn/lifesci/biotech/scialliance.html>

*The Science Alliance is an association of educators, scientists and industry volunteers who form partnerships to enhance science education and facilitate school to career articulations. The LA/Orange County EWDP Biotechnology Center serves as a catalyst to suggest productive relationships between partners.*

**SOUTHERN CALIFORNIA BIOMEDICAL COUNCIL (SCBC)**

c/o Los Angeles County Economic Development Corporation  
 444 S. Flower St., 34th Floor  
 Los Angeles, CA 90071-2201  
 Tel: 213-236-4890  
 Fax: 213-622-7100  
 E-mail: [scbc@socalbio.org](mailto:scbc@socalbio.org)  
 Web site: <http://www.socalbio.org>

*The Southern California Biomedical Council (SCBC) is a non-profit organization whose mission is to promote biomedical and biotechnology research and manufacturing in Los Angeles. SCBC publishes a quarterly newsletter, Biomedical Synergies, which reports the various aspects of the biomedical industry. SCBC also sponsors a venture capital forum. Membership in the SCBC is open to firms, organizations and individuals interested in biomedical and biotechnology development in Greater Los Angeles.*

**WETLAB FACILITY**

Science Dept., Newbury Park High School  
 456 Reino Rd.  
 Newbury Park, CA 91320  
 Tel: 805-498-3676 x1307  
 Contact: Hugh Nelson  
 Or  
 AMGEN Program contact: Marty Ikkanda  
 E-mail: [J.\\_Martin\\_Ikkanda@laccd.cc.ca.us](mailto:J._Martin_Ikkanda@laccd.cc.ca.us)

*AMGEN, a biotech company, has a program which donates chemicals and labware to high school instructors and provides a set of protocols for doing recombinant DNA labs and PCR experiments in their classes. It is possible for teachers to take advantage of this program after they take a special AMGEN instructional course. Pasadena City College (PCC) provides the WetLab facility and mentoring so teachers can produce media, cultures, and competent cells. PCC also provides ultra cold storage for competent cells and disposal facilities for hazardous waste.*

## Entertainment

**Motion Picture \* Television \* Animation \* Multimedia**

*Employment (4/'01): 117,720*

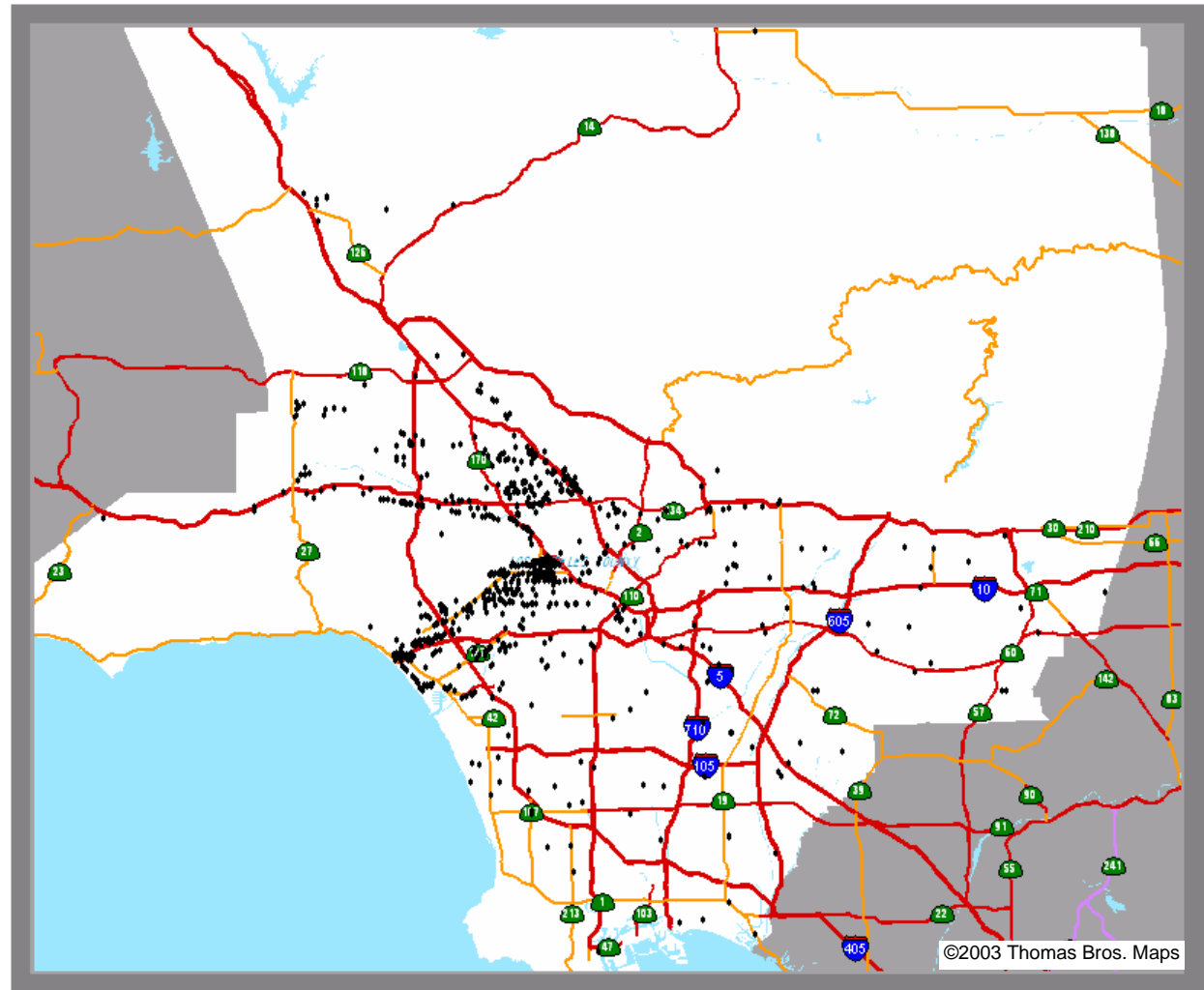
*Number of Establishments (4/'01): 10,901*

*Receipts/Revenue (1997): \$38.7 Billion*

*NAICS Codes: 5121, 5122, 51312, 5132, 7114, 71151*

For the better part of a century, L.A. has been the entertainment capital of the world, with more than 117,000 employees generating upwards of \$38 billion annually. Though the traditional sound stage remains the image of the industry, the entertainment sector also includes electronic entertainment, cable programming, music, new media, and the fast growing video game publishing. The entertainment industry provides the "sizzle" that fuels the creativity of many other industry sectors.

To fill the continuing need for new talent, L.A. County's world-renowned higher education system graduates thousands each year to fill the industry positions. These schools include UCLA, The American Film Institute, USC, Pasadena's Art Center, CalArts, and Santa Monica's Academy of Entertainment and Technology, to name just a few.





## **Education**

### **ART CENTER COLLEGE OF DESIGN**

#### **Film**

1700 Lida St. Dept. Chair: Robert Peterson  
Pasadena, CA 91103-1999  
Tel: 626-396-2373  
Fax: 626-795-0578 Web site: <http://www.artcenter.edu>

*Art Center's Film program encourages the use of this powerful medium for artistic expression while preparing students for the complex realities of a constantly changing industry. Basic courses are offered in directing, writing, producing, cinematography, editing, and sound design. Other classes cover the practical aspects of filmmaking – budgets, scheduling, contracts, and permits. Art Center offers a graduate program in Film as well.*

#### **Entertainment Design (in development)**

*The Art Center is developing an interdisciplinary concentration in entertainment design to better meet the industry's demand for artists and designers with specialized training. Students will have the opportunity to do production design for feature films and broadcast, animation, creating themed environments, developing props, model making and special effects.*

### **CALIFORNIA INSTITUTE OF THE ARTS (CalArts)**

#### **School of Film/Video**

24700 McBean Pkwy.  
Valencia, CA 91355 Dean: Hartmut Bitomsky  
Tel: 661-255-1050  
Fax: 661-291-3049  
Web site: <http://www.calarts.edu>

*CalArts is a private institution encompassing the six schools of Film/Video, Dance, Music, Arts, Critical Studies, and Theater. Instructors include working professionals in their fields. The school of Film/Video offers the following programs: Live Action, Experimental Animation, Character Animation (undergraduate level only), and Directing for Theatre, Video, and Cinema (graduate level only). An interschool directing program is also offered in conjunction with the Theatre School.*

### **CALIFORNIA LUTHERAN UNIVERSITY**

#### **Multimedia**

60 W. Olsen Rd. Dept. Chair: Dr. Gunnar Swanson  
Thousand Oaks, CA 91360  
Tel: 805-493-3241  
Web site: <http://www.clunet.edu>

*CLU's Multimedia program trains students for careers in the worlds of broadcast video, Intranets and CD-ROMs, and the World Wide Web. Graduates are prepared for a cross section of careers in entertainment, education and business as producers, motion graphic designers, programmers, writers, interface designers, 3-D and special effects animators, sound editors, videographers and project managers. It is a three-year program leading to a Bachelor of Arts degree, emphasizes creativity, teamwork, and production.*

### **CALIFORNIA STATE UNIVERSITY, LONG BEACH (CSULB)**

#### **Film and Electronic Arts**

1250 Bellflower Blvd. Dept. Chair: Sharyn Blumenthal  
Long Beach, CA 90840  
Tel: 562-985-1577  
Web site: <http://www.csulb.edu/depts/fea>

*Film and Electronics Arts is an innovative academic program which emphasizes both professional education and liberal arts, both media theory and practice. Focusing upon the integration of media and the arts in our information society, as well as upon the impact of technology on our culture and the media themselves. The curriculum is designed to assist the students in becoming more future-oriented while developing a sound foundation in the arts and the humanities.*

### **CALIFORNIA STATE UNIVERSITY, LOS ANGELES (CSULA)**

#### **EXTENDED EDUCATION**

#### **Multimedia Certificate Program**

5151 State University Dr. Program Coord: Robin Hall  
Los Angeles, CA 90032  
Tel: 323-343-4967  
Fax: 323-343-4954  
Web site: <http://www.calstatela.edu/exed>

*The Multimedia Certificate Program is both practical and innovative in providing students with real-world training for new careers in a dynamic field. The program offers students hands-on experience with the software tools used to produce multimedia, techniques and processes used in multimedia design, and careers in the multimedia industry. The program meets the needs of industry trainers and others who want to expand their careers with training in multimedia design and production.*

**CALIFORNIA STATE UNIVERSITY, NORTHRIDGE (CSUN)**

**Cinema and Television Arts Department**

College of Arts, Media, and Communications

18111 Nordhoff St.

Dept Chair: Dr. John Schultheiss

Northridge, CA 91330

Tel: 818-677-3192

*The Cinema and Television Arts major provides students with academic and professional training for careers in the entertainment industries and non-commercial/corporate media fields. The major prepares students for creative and management careers in commercial or educational radio, television, film, and multimedia positions, as well as related scholarly areas. There are five options under this program: Media Theory and Criticism, Screenwriting, Radio-Television-Multimedia Production, Film Production, and Electronic Media Management.*

**CALIFORNIA STATE UNIVERSITY, NORTHRIDGE (CSUN)**

**COLLEGE OF EXTENDED LEARNING**

**Film Editing**

18111 Nordhoff St.

Dean: Joyce A. Feucht-Haviar

Northridge, CA 91330

Tel: 818-677-2786

Web site: <http://www.csun.edu/exl>

*In collaboration with the American Cinema Editors (ACE), CSUN offers a strong foundation in the art and craft of editing and who demand only the highest standards of academic excellence. Students will have the opportunity to network and build invaluable and important relationships with working award-winning editors that will enhance their learning experience. The interactive nature of this program ensures that students will have hands-on experience with professionals currently active in the*

*field. A certificate of completion is awarded upon completion of the program.*

**MBA Entertainment Management**

*This program, developed in association with CSUN's MBA program, will explore traditional management disciplines such as marketing, finance, financial and strategic planning, accounting and financial reporting, organizational behavior and entertainment business law and strategy as applied to this unique industry sector. These courses are designed specifically for the MBA or post-baccalaureate student who is seeking a curriculum concentration in entertainment management studies. Courses will be taught by a combination of CSUN professors and industry professionals currently active in the field who will provide an extraordinary arena for networking and building invaluable business relationships.*

**COLLEGE OF THE CANYONS**

**Radio/Television/Film Certificate Program**

26455 Rockwell Canyon Rd.

Dr. Donna Davidson-Symonds

Santa Clarita, CA 91355

Tel: 661-362-3380

TTD: 255-7967

Fax: 661-259-8302

Web site: <http://www.coc.cc.ca.us/departments/MA>

*The RTF certificate program at the College of the Canyons provides comprehensive instruction for professional preparation for entry-level positions. The program offers a broad curriculum that allows students to produce media and critically examine its role in contemporary society. Courses include different topics in film and cinema, film/video editing, music production for film and television, screenplay writing, and cinematography.*

**GLENDALE COMMUNITY COLLEGE**

**Animation**

Visual & Performing Arts

Program Coord: Roger Dicks

1500 N. Verdugo Rd.

Glendale, CA 91208

Tel: 818-240-1000 x5610

Fax: 818-549-9436

Web site: <http://www.glendale.edu/current/departments/animation.htm>

*The Animation Certificates are designed to provide academic and hands-on learning experiences for individuals planning on a career in the field of animation. Students have an option between Classical and Digital Animation.*

### **Media Arts Program**

Visual and Performing Arts      Program Coord: Michael Petros  
1500 N. Verdugo Road  
Glendale, CA 91208  
Tel: 818-240-1000 x5815  
Web site: <http://www.glendale.edu/current/departments/mediaarts.htm>

*The Media Arts Program offers training in video productions, audio production, DVD authority and interactive multimedia. Students gain experience with industry- standard facilities and software applications such as Final Cut Pro, DVD Studio Pro and Pro Tools.*

### **Television Production Program**

Tel: 818-240-1000 x5677  
Fax: 818-549-9436  
Web site: <http://www.glendale.cc.ca.us>

*Glendale Community College offers certificates in videography, mass communication, and developing animations. The program places special emphasis on animation, video, and multi-media.*

### **LONG BEACH CITY COLLEGE**

#### **Radio/Television**

4901 E. Carson St.      Dept. Chair: Priscilla Remeta  
Long Beach, CA 90808  
Tel: 562-938-4309  
E-mail: [premeta@lbcc.edu](mailto:premeta@lbcc.edu)  
Web site: <http://www.lbcc.cc.ca.us>

*The Radio Television Certificate Program at LBCC emphasizes on hands-on training with students managing all aspects of production and equipment operation. Internships at local production facilities and stations are available through the R/TV Work Experience Program. A main feature of the R/TV program is the weekly news show (I.E. News) written, produced and hosted by students in the broadcast News class. The students have*

*averaged a show every week of the semester. As a founding affiliate of the CNN News Source Award program, students have access to satellite footage from CNN.*

### **Film**

Tel: 562-938-4563      Dept. Chair: David Herman  
Web site: <http://tdf.lbcc.cc.ca.us>

*The A.A. degree in Film Program will introduce students to film's history, criticism, and aesthetics. The students will enjoy the opportunity of applying these concepts by making films in the Film Production classes. In this activity the student is supported with college filmmaking equipment and by the guidance and counsel of experienced professional faculty.*

### **LOS ANGELES CITY COLLEGE**

#### **Cinema and Television Department**

855 N. Vermont Ave.      Dept Chair: Vaughn Obern  
Los Angeles, CA 90029  
Tel: 323-953-4000 x2627  
Fax: 323-953-4013  
Web site: <http://citywww.lacc.cc.ca.us/academic/departments/cinema>

*The Cinema Television Department offers a comprehensive hands-on training program that provides both basic and advanced courses in film, video, and television studio production. Students can earn a two-year Associate in Arts degree along with a variety of certificate in cinema or television. The Department has extensive audio and camera equipment packages for student use as well as a sound stage, two television three-camera studios, 16mm and digital editing rooms, three screening rooms and other audio and video post production systems.*

### **LOS ANGELES TRADE TECHNICAL COLLEGE**

#### **Visual Communications**

400 W. Washington Blvd.  
Los Angeles, CA 90015  
Tel: 213-763-7000  
TDD: 213-763-5375  
Fax: 213-763-5393  
Web site: <http://www.lattc.cc.ca.us>

*The Associate of Arts degree in Visual Communications is a starting point for exciting careers in Animation, Art Direction, Computer Graphics, Graphic Design, Illustration, Web Design, and many other related fields.*

*The fast paced, two-year curriculum begins with fundamental instruction in the elements and principles of visual problem solving. Color, design, drawing, perspective and typography are all areas of concentrated study. Intermediate and advanced level classes utilize the Macintosh computer to create digital solutions for problems of advertising and marketing, graphic design and internet websites.*

### **LOS ANGELES VALLEY COLLEGE**

#### **The Media Arts Academy**

5800 Fulton Ave.

Valley Glenn, CA 91401

Tel: 818-947-2354

Fax: 818-947-2610

Web site: <http://www.lavc.edu>

Dept. Chair: Joseph Daccurso

*The Media Arts Department consists of the 3 curricula disciplines of Cinema (Motion Pictures), Broadcasting (TV/Radio), and Media Arts (Digital Media) which offers both A.A. degrees (transferable to most 4yr. Institutions) and professionally recognized Occupational Certificates. In addition to the traditional academic lecture/seminar and screening/critique courses, out programs offer a wide array of “hands on” production workshops in most areas of pre-thought post-production for film /video/mixed-media, covering the process “from script to screen and creative idea to distribution”.*

### **LOYOLA MARYMOUNT UNIVERSITY (LMU)**

#### **College of Communications and Fine Arts**

7900 Loyola Blvd.

Los Angeles, CA 90045

Tel: 310-338-3033

Fax: 310-338-4470

Web site: <http://www.lmu.edu/colleges/cfa/comm/index.htm>

Dean: Tom Kelly

*The College of Communications and Fine Arts emphasizes hands-on learning. Students learn through active participation in studio work and productions. Majors leading to a Bachelor of Arts degree and minor programs are offered in these areas of concentration: animation, film production, multimedia, screenwriting, recording arts, and television/video production.*

### **MT. SAN ANTONIO COLLEGE**

#### **Animation – New Digital Media**

Art Department

Co-Dept. Chair: Carolyn Alexander

1100 N. Grand Ave.

Walnut, CA 91789

Tel: 909-594-5611 x4317

Web site: <http://www.mtsac.edu>

*The Animation Program offers an integrated/interdisciplinary approach to prepare students to meet current and future job market demands. The program offers a mix of courses with a focus on art techniques and state-of-the-art computer equipment and techniques. The student will be given a balanced blend of art and technology-based skills. The program offers both an A.S. Degree as well as a certificate of completion.*

#### **Radio and Television Broadcasting**

Communications Department

Co-Dept. Chair: Ron Reel

Tel: 909-594-5611 x4667

*The Radio and Television Broadcasting program offers courses such as introduction to broadcasting, radio and television production, mass media, acting, operations, and radio and television announcing. An Associate in Science degree is awarded upon completion of the program.*

### **MT. SIERRA COLLEGE**

#### **Multimedia Technology**

101 E. Huntington Dr.

Monrovia, CA 91016

Tel: 626-873-2100

Fax: 626-359-5528

Web site: <http://www.mtsierra.com>

*The Multimedia Technology program covers the disciplines of computer graphic design and digital video presentation. Skills learned include: HTML programming, desktop publishing and design, Web authoring tools, 3-D modeling and advanced motion graphic techniques. Students are prepared for careers in static and multimedia design, audio/visual production, video programming, and animation using industry-based standards.*

### **OCCIDENTAL COLLEGE**

#### **Film & New Media Production**

Visual Arts Department                      Dept. Chair: Dr. Louise Yuhas  
1600 Campus Road  
Los Angeles, CA 90041  
Tel: 323-259-2749  
Fax: 323-259-2930  
Web site: <http://www.oxy.edu/oxy/academia/departments/art.history.htm>

*The curriculum explores the range of approaches in film, and new media as innovative art forms including documentary, narrative, experimental film, installation and internet media. Students will learn how to master technologies including 16mm sync sound; digital non-linear post-production applications including AVID, EditDV and ProTools.*

### **OTIS COLLEGE OF ART AND DESIGN**

#### **Digital Media Department**

9045 Lincoln Blvd.  
Los Angeles, CA 90045                      Dept. Chair: Harry Mott  
Tel: 310-665-6800                              No. of Students: 113  
Fax: 310-665-6821                              2002-2003 graduates: 56  
Web site: <http://www.otisart.edu>

*Otis College of Art and Design offers an undergraduate degree in Digital Media that focuses on visual effects, broadcast design, and motion graphics in general. The program balances traditional art and technology by providing an understanding of digital tools and their creative application.*

### **PASADENA CITY COLLEGE**

#### **Interactive Multimedia Design**

Art Division                                      Division Dean: Linda Malm  
1570 E. Colorado Blvd.  
Pasadena, CA 91106  
Tel: 626-585-7238  
Web site: <http://www.paccd.cc.ca.us>

*The curriculum prepares the students to enter the interactive multimedia design industry as an entry-level designer and/or multimedia technician. The program stresses the creative process as well as the professional and production methods used currently in industry. Projects will emphasize content development, interface and information design, authoring environments, programming for multimedia, and repurposing and output of materials to various platform and delivery systems including video-CD-ROMs, portable disks, and the World Wide Web. A Certificate of Achievement is awarded upon completion of the program.*

#### **Television and Radio Production**

Communication Division                      Division Dean: Michael Bloebaum  
Tel: 626-585-7216                              Web site: <http://www.paccd.cc.ca.us>

*The curriculum prepares students to work in various areas of broadcasting and electronic media. Course work covers basic aspects of audio and video production, announcing/writing for commercial, educational and cable television, post-production and production companies. A Certificate of Achievement is awarded upon completion of the program.*

### **PEPPERDINE UNIVERSITY**

#### **Communication Division**

24255 Pacific Coast Hwy.                      Dept. Chair: Dr. Robert Chandler  
Malibu, CA 90263                              No. of Students: 650  
Tel: 310-506-4211                              2002-2003 graduates: 125  
Fax: 310-456-3083  
Web site: <http://www.pepperdine.edu/seaver/communic/comdiv.htm>

*The Communication Division has a wide variety of special programs that students can pursue to prepare for specific careers in the mass media, education, government services, and business. The programs emphasize a*

*hands-on education and offer small class sizes. The school offers Bachelors of Arts in: Communication, Advertising, Journalism, Public Relations, Speech Communication, and Telecommunication.*

### **PITZER COLLEGE**

#### **Media Studies**

1050 N. Mills Ave. Program Coord: Dr. Alexandra Juhasz  
 Claremont, CA 91711  
 Tel: 909-607-4431  
 Fax: 909-621-8481  
 Web site: [http://www.pitzer.edu/academics/field\\_groups/media.html](http://www.pitzer.edu/academics/field_groups/media.html)

*The Media Studies is a cooperative program with the other Claremont Colleges, which teaches the production, theory, history, and social context of the visual media including film, video, photography, and digital technologies. The film and video production courses are not oriented toward traditional narrative film or television; rather they stress "independent" narrative forms, video art, and documentary.*

### **SANTA MONICA COLLEGE**

#### **Academy of Entertainment & Technology**

1660 Stewart St.  
 Santa Monica, CA 90404 Dean: Katharine Muller  
 Tel: 310-434-3701  
 Fax: 310-434-3709  
 Web site: <http://academy.smc.edu>

*The Academy trains students in computer animation, visual effects, new media, theme entertainment, and entertainment industry business skills. The Academy has been shaped and designed by collaboration between Santa Monica College, major studios and related entertainment companies. This two-year program places major emphasis on computer animation and media design. Students are required to submit their portfolio for admission consideration. Also new in there curriculum, 2D, 3D animation, Web design and Game Design.*

### **THE ART INSTITUTE OF CALIFORNIA-LOS ANGELES**

#### **Media Arts and Animation**

2900 31<sup>st</sup> Street  
 Santa Monica, CA 90405  
 Tel: 310-752-4700  
 Fax: 310-752-4708

Orange County Campus  
 3601 W. Sunflower Avenue  
 Santa Ana, CA 92704  
 Tel: 877-903-8367  
 Web site: <http://www.aicala.artinstitutes.edu>

*The objective of the program is to help the student attain a fundamental grounding in computer animation, including an introduction to the theory and practice of characterization, scriptwriting and storyboarding, animation, 3-D modeling, computer graphics, and multimedia. A Bachelor of Science degree is obtained upon completion of the program.*

#### **Video Production**

*The objective of the program is to help the student attain a fundamental grounding in video production, including an introduction to the theory and practice of videography, audio for video, television and film analysis, television and film analysis, television studio production, and post-production. An Associate of Science degree is awarded upon completion of the program.*

#### **Multimedia & Web Design**

*The Institute offers a B.S. and A.S. degree in Multimedia & Web Design. The objective of the program is to help the student attain a fundamental grounding in multimedia, including an introduction to the theory and practice of information design, audio and video, image manipulation, interactive telecommunications, typography for digital media, and the World Wide Web.*

**THE FILM MUSIC INSTITUTE**

11601 Wilshire Blvd. Suite 5000  
 Los Angeles, CA 90025  
 Tel: 310-575-1820  
 Fax: 310-575-1890  
 Web site: <http://www.filmmusicinstitute.com>

*The Film Music Institute's sole focus is on music for film, television and multimedia exclusively. The courses are updated regularly and feature the latest information, technology, and techniques being used in the industry today. The Institute integrates the use of leading audio and computer technology throughout the courses, and emphasizes hands-on, practical exercises as part of every course. The facility includes digital audio and video, digital samplers, and a complete working film and television music studio integrated into the course room.*

**THE LOS ANGELES FILM SCHOOL**

6363 Sunset Blvd., Suite 400  
 Hollywood, CA 90028 President: Amedeo D'Adamo  
 Tel: 323-860-0789  
 Fax: 323-634-0044  
 Web site: <http://www.lafilm.com>

*The filmmaking program is an intensive 10-month, 40-week, 1000-hour program plus an additional month of post-facility usage leading to a Certificate of Completion. The core program is composed of three interrelated components. In addition to their narrative strategies and hands-on classes, students engage in 6-hours per week of classes in their chosen concentration and 6-hours in an elective concentration. Concentrations include: Producing, Directing, Cinematography, Editing, Screenwriting, Sound Recording and Mixing, and Production Design.*

**UNIVERSITY OF CALIFORNIA, LOS ANGELES (UCLA)****Department of Film and Television**

103 E. Melnitz  
 P.O. Box 951622  
 Los Angeles, CA 90095-1622 Dept. Chair: John Caldwell  
 Tel: 310-825-8787  
 Fax: 310-825-3383  
 Web site: <http://www.ucla.edu>

*The Department of Film and Television's main purpose is to provide a scholarly, creative, and professional approach to the study of film and television, and to help each person discover his or her powers as an independent creator and communicator. The Department offers seven degree programs: BA in Film and Television; the Master of Fine Arts in four distinct professional areas – Production/Directing, Screenwriting, the Producers Program, and Animation; and the MA and Ph.D. degrees in Critical Thinking.*

**Global Film School**

UCLA Theater Film & Television  
 Box 951622 Director: Lesley Dyer  
 Los Angeles, CA 90095  
 Tel: 310-825-6127  
 Fax: 310-206-1686  
 E-mail: [info@globalfilmschool.com](mailto:info@globalfilmschool.com)  
 Web site: <http://www.globalfilmschool.com>

*The Australian Film Television and Radio School, Sydney, the National Film Television and Radio School, London, and the UCLA School of Theater, Film and Television, Los Angeles have affiliated to create an On-line global film school.*

*The Global Film School will address wide-ranging issues of media literacy and empowerment for an aspiring filmmaker, not only university students but also anyone interested in visual storytelling. The School will provide instruction in all aspects of moving-image media for broadly diverse constituencies including K-12 students, university-level film students, media professionals, and others in pursuit of continuing education.*

**UNIVERSITY OF CALIFORNIA, LOS ANGELES (UCLA)  
EXTENSION****Department of Entertainment Studies and Performing Arts**

10995 Le Conte Ave.  
 Los Angeles, CA 90024-0901  
 Tel: 310-825-9064  
 Fax: 310-206-7435  
 E-mail: [espa@unex.ucla.edu](mailto:espa@unex.ucla.edu)  
 Web site: <http://www.uclaextension.org/espa>

*UCLA Extension's Department of Entertainment Studies offers open enrollment short courses and certificate programs in Film, Television, and Digital Entertainment Media, the business and management of film, television, and Digital Entertainment Media, The Business and Management of Film, Television, and Digital Entertainment Media, and the Art and Business of Music. Our courses and programs range from the fundamental practice aspects of Hollywood's top professional as instructors and guest speakers. Our instructors are selected based on their leadership positions in the Industry, their high standards of excellence and their strong desire to "give back". Courses are held on the UCLA campus and in Westwood Village at 1010 Westwood, Extension's creative center for the arts, design, and graphics programs. Select courses are held at cutting-edge professional studios and facilities located in and around Los Angeles. UCLA Extension's Department of Entertainment Studies is an approved Training Center for Apple (Final Cut Pro, DVD Studio Pro, Shake, Logic Platinum), Adobe Premiere, Adobe After Effects), Steinberg (Cubase) and Pro-Tools. Certification also offered in Avid and Arriflex as well as courses in 3-Ds max and Digital Performer.*

#### **UNIVERSITY OF SOUTHERN CALIFORNIA (USC)**

##### **Film, Video, and Computer Animation Program**

School of Cinema-Television

University Park

Los Angeles, CA 90089

Tel: 213-740-3985

Fax: 213-740-5869

Web site: <http://www-cntv.usc.edu>

Dean: Elizabeth Daly

No. of Students: 30

2003-2002 graduates: 8

*This graduate program stresses hands-on coursework where students learn the aesthetics, techniques and historical evolution of classical and experimental animation, and master the latest computer animation technology. Workshops in life drawing and computer software are also available. Hanna-Barbera, Warner Bros., Intel, Nickelodeon, and Silicon Graphics currently sponsor the program.*

#### **Integrated Media System Center (IMSC)**

School of Engineering

University Park

Los Angeles, CA 90089-2561

Tel: 213-740-9813

Fax: 213-740-8913

Web site: <http://www.usc.edu/dept/engineering>

Director: Chrysostomos L. Nikias

*IMSC was funded by the National Science Foundation in 1996. In addition to research, the Center has an education and outreach mission. Educational workshops, retraining programs and minority recruitment programs are also integral parts of IMSC's program. Certificate programs in Multimedia have been created with the sponsorship of the City of Los Angeles Private Industry Council and in partnership with the State of California's ETP program. The center also offers Master's degree in Integrated Media Systems, Electrical Engineering with specialization in Multimedia and Creative Technologies, and Computer Science.*

#### **Electronics Art Interactive Entertainment Program (In development) )**

*The EA Interactive Entertainment Program is a 3-year Master of Fine Arts degree program. The program will help forward USC-CNTV's goal to educate the next generation of high-level gaming design and visionary thinkers in what will be one of the 21<sup>st</sup> Century's primary entertainment media. The program will spawn the creation of a curriculum and research lab to explore the boundaries of interactive entertainment and to study the emerging discipline of game development.*

#### **CENTER FOR COMMUNICATIONS LAW AND POLICY**

3620 S. Vermont Ave.

Los Angeles, CA 90089-2538

Tel: 213-740-6473

Fax: 213-740-5502

Web site: <http://www.usc.edu>

Director: Matthew Spitzer

*The USC Center for Communications Law and Policy brings together sociologists, psychologists, economists, political scientists, communications specialists and legal scholars to explore legal issues in the television, radio, and cable industries, daily newspapers and the Internet.*



**WESTWOOD COLLEGE****Graphic Design & Multimedia**

3460 Wilshire Blvd., Suite 700

Los Angeles, CA 90010

Tel: 213-739-9999

Web site: <http://www.westwoodcollege.com>

*The Graphic Design & Multimedia program prepares students for entry-level jobs in the graphic design and multimedia industry. Students learn to create effective designs that communicate visually in both print and multimedia environments. The combination of technical and general education courses in the program helps students develop skills in critical thinking, logic, communication, and problem solving. The program prepares graduates for positions as graphic designers, production artists, web page designers, and multimedia designers within a diverse industry.*

**WOODBURY UNIVERSITY****Animation Arts**

7500 Glenoaks Blvd.

Dept. Chair: Bill Keeney

Burbank, CA 91510

Tel: 818-767-0888 x336

Web site: <http://www.woodbury.edu/programs/animationarts>

*The Animation Arts Major emphasizes a rigorous and formal approach to the study of drawing, painting, color and composition by stressing theory as well as traditional techniques. The aim of the program is to prepare graduates to enter the animation profession by developing exceptional drawing and painting skills and abilities. Areas of emphasis include figure drawing, painting, composition, storyboarding, background painting and story development. Computer animation and camera techniques are also covered but the emphasis is on talent, not tools.*

**Associations****AFMA (AMERICAN FILM MARKETING ASSOCIATION)**10850 Wilshire Blvd., 9<sup>th</sup> Floor

Los Angeles, CA 90024

Tel: 310-446-1000

Fax: 310-446-1600

E-mail: [info@afma.com](mailto:info@afma.com)Web site: <http://www.afma.com>

*AFMA is a trade association providing the independent motion picture and television industry with a world class trade show, the American Film Market, marketing support services, government relations, international affairs and advocacy, an arbitration program, statistical data, and information services. AFMA's current membership of more than 150 production/ distribution companies includes companies in the U.S., the European Union, Canada, Australia, New Zealand, and the Pacific Rim. Their common bond is the production and the worldwide distribution of independent motion picture and television programs.*

**AMERICAN CINEMA EDITORS (ACE)**

100 Universal City Plaza, Ross Hunter Building B, Room 202

Universal City, CA 91608

Tel: 818-777-2900

Fax: 818-733-5023

E-mail: [amercinema@earthlink.net](mailto:amercinema@earthlink.net)Web site: <http://www.ace-filmeditors.org>

*ACE, the American Cinema Editors, is an honorary society of motion picture editors founded in 1950. Film editors are voted into membership on the basis of their professional achievements, their dedication to the education of others and their commitment to the craft of editing.*

*The objectives and purposes of the American Cinema Editors are to advance the art and science of the editing profession; to increase the entertainment value of motion pictures by attaining artistic pre-eminence and scientific achievement in the creative art of editing; to bring into close alliance those editors who desire to advance the prestige and dignity of the editing profession.*

**AMERICAN SOCIETY OF COMPOSERS, AUTHORS AND PUBLISHERS (ASCAP)**

7920 W. Sunset Blvd., Third Floor  
Los Angeles, CA 90046  
Tel: 323-883-1000  
Fax: 323-883-1049  
E-mail: [info@ascap.com](mailto:info@ascap.com)  
Web site: <http://www.ascap.com>

*ASCAP is a membership association of over 175,000 U.S. composers, songwriters, lyricists, and music publishers of every kind of music. Through agreements with affiliated international societies, ASCAP also represents hundreds of thousands of music creators worldwide. ASCAP is the only U.S. performing rights organization created and controlled by composers, songwriters and music publishers, with a Board of Directors elected by and from the membership.*

*ASCAP protects the rights of its members by licensing and distributing royalties for the non-dramatic public performances of their copyrighted works. ASCAP's licensees encompass all who want to perform copyrighted music publicly. ASCAP makes giving and obtaining permission to perform music simple for both creators and users of music.*

**ART DIRECTORS GUILD, SCENIC, TITLE AND GRAPHIC ARTISTS, LOCAL 800**

11969 Ventura Blvd., Suite 200  
Studio City, CA 91604  
Tel: 818-762-9995  
Fax: 818-762-9997  
Web site: <http://www.artdirectors.org>

*The Art Directors, Guild & Scenic, Title and Graphic Artists, Local 800, is a professional association of artists with special skills and talents working in the entertainment industry. Besides its collective bargaining agreements covering Art Directors, Local 800 has over twenty-five different collective bargaining agreements for its Scenic, Title and Graphic Artist members employed in over fifty companies in Los Angeles, San Francisco, San Diego, and Denver. A great percentage of the highly skilled artists hold academic degrees in the fine arts and theatre arts.*

**ASSOCIATION OF INDEPENDENT COMMERCIAL PRODUCERS INC. (AICP)**

650 N. Bronson Ave., Suite 223B  
Los Angeles, CA 90004  
Tel: 323-960-4763  
Fax: 323-960-4766  
E-mail: [West@aicp.com](mailto:West@aicp.com)  
Web site: <http://www.aicp.com>

*Founded in 1972, by a small group of television commercial production companies concerned with a single issue, today's AICP has grown to represent exclusively, the interests of U.S. companies that specialize in producing commercials on various media (film, video, computer) for advertisers and agencies. AICP members account for 85 percent of all domestic commercials aired nationally, whether produced for traditional broadcast channels or non-traditional use.*

**ASSOCIATION OF MUSIC PRODUCERS (AMP)**

11340 W. Olympic Blvd., Suite 220  
Los Angeles, CA 90064  
Tel: 310-575-4678

*AMP was formed to address the common goals and concerns of those who make the music. A national organization with Chapters in New York, Los Angeles, Chicago and Miami, AMP has already made itself heard. From business matters such as production guidelines, composer royalties and Rights Agreements to conscienseness and fund-raising events, AMP has turned up the volume on things that count the most.*

**COSTUME DESIGNERS GUILD**

4730 Woodman Ave., Suite 430  
Sherman Oaks, CA 91423  
Tel: 818-905-1557  
Fax: 818-905-1560  
E-mail: [cdgia@earthlink.net](mailto:cdgia@earthlink.net)  
Web site: <http://www.costumedesignersguild.com>

*The Costume Designers Guild membership includes motion picture, television, commercial, and stage costume designers throughout the world*

*and totals over 590 members. The Guild promotes the research, artistry and technical expertise in the field of film and television Costume Design.*

#### **DIRECTORS GUILD OF AMERICA (DGA)**

7920 Sunset Blvd.  
Los Angeles, CA 90046  
Tel: 310-289-2000  
Fax: 310-289-2029  
Web site: <http://www.dga.org>

*The DGA represents Film and Television Directors, Unit Production Managers, First Assistant Directors, Second Assistant Directors, Technical Coordinators and Tape Association Directors, Stage Managers and Production Associates.*

*To join in any Guild category, a person must obtain employment with a company that has assigned a collective bargaining agreement with the DGA.*

#### **MOTION PICTURE ASSOCIATION OF AMERICA CALIFORNIA GROUP**

15503 Ventura Blvd.  
Encino, CA 91436  
Tel: 818-995-6600  
Fax: 818-382-1790  
Web site: <http://www.mpaa.org>

*The Motion Picture Association of America, Inc. (MPAA) serves as the voice and advocate of the American motion picture, home video and television industries from its offices in Los Angeles and Washington, D.D. These members include: Buena Vista Pictures Distribution; Metro-Goldwyn-Mayer Studios Inc.; Paramount Pictures Corporation; Sony Pictures Entertainment Inc.; Twentieth Century Fox Film Corporation; Universal Cit Studios LLP; and Warner Bros. Entertainment Inc. MPAA directs a comprehensive anti-piracy program to strengthen the industry's existing copyrights and security measures.*

#### **MOTION PICTURE EDITORS GUILD - IATSE LOCAL 700**

7715 Sunset Blvd., Suite 200  
Hollywood, CA 90046  
Tel: 323-876-4770  
Fax: 323-876-0861  
Web site: <http://www.editorsguild.com>

*The Motion Picture Editors Guild is a national labor organization currently representing over 6,000 freelance and staff post-production professionals. It is the world's premiere craft guild that sets the standards for excellence in the post-production industry. Its goal is to continue to organize non-represented professionals in every aspect of post-production. This means not only feature films and traditional network television, but also reality TV, cable programming, documentaries, music videos, internet, video gaming, commercials and industrials.*

#### **NATIONAL ASSOCIATION OF THEATRE OWNERS (NATO)**

Headquarters:	NATO of California/Nevada
750 First St. N.E.	116 N. Robertson Blvd., #708
Washington, DC 20002	Los Angeles, CA 90048
Tel: 202-962-0054	Tel: 310-652-1093
Fax: 202-962-0370	Fax: 310-657-4758
E-mail: <a href="mailto:nato@mindspring.com">nato@mindspring.com</a>	<a href="mailto:natocalifornia@aol.com">natocalifornia@aol.com</a>
Web site: <a href="http://www.natoonline.org">http://www.natoonline.org</a>	

*The National Association of Theatre Owners is the largest exhibition trade organization in the world, representing more than 26,000 movie screens in all 50 states and in more than 20 countries worldwide. Its membership includes cinema chains in the world and hundreds of independent theatre owners. NATO helps exhibition work with motion picture distributors on all areas of mutual concern, from new technologies to legislation, marketing, and First Amendment issues.*

#### **STUNTMEN'S ASSOCIATION OF MOTION PICTURES**

10660 Riverside Dr., 2<sup>nd</sup> Floor, Suite E  
Toluca Lake, CA 91602  
Tel: 818-766-4334  
Fax: 818-766-5943  
E-mail: [info@stuntmen.com](mailto:info@stuntmen.com)  
Web site: <http://www.stuntmen.com>

*The Stuntmen's Association of Motion Pictures was founded in 1961 by a group of forward thinking stuntmen who single-handedly changed the course of the industry by professionalizing the realm of stunts. Setting the highest standards to qualify for membership, integrity, safety, and experience as well as knowledge of film making are fundamental to this goal.*

**THE PRODUCERS GUILD OF AMERICA, INC.**

8530 Wilshire Blvd., Suite 450  
Beverly Hills, CA 90211  
Tel: 310-358-9020  
Fax: 310-358-9520  
E-mail: [info@producersguild.org](mailto:info@producersguild.org)  
Web site: <http://www.producersguild.org>

*The PGA represents, protects, and promotes the interests of all members of the producing team. Its primary goals are combating credit proliferation, expanding health benefits, and representing the entire producing team.*

*The Producing Team consists of all those whose interdependency and support of each other are necessary for the creation of motion pictures and television programs. The producing team is comprised of Producers and all those on the career path to becoming Producers, including: Executing Producers, Producers, Co-Executive Producers, Supervising Producers, Senior Producers, Line Producers, Co-Producers, Associate Producers, Segment Producers, Production Managers, Post-Production Supervisors & Managers, Production & Post-Production Coordinators.*

**SCREEN ACTORS GUILD (SAG)**

5757 Wilshire Blvd.  
Los Angeles, CA 90036  
Tel: 323-954-1600  
E-mail: [saginfo@sag.org](mailto:saginfo@sag.org)  
Web site: <http://www.sag.org>

*The Screen Actors Guild (SAG) is a labor union founded in 1933 to protect performers. Primarily concerned with wages and working conditions, SAG negotiates and enforces collective bargaining agreements that establish equitable levels of compensation, benefits and working conditions for performers.*

**WRITERS GUILD OF AMERICA, WEST**

7000 W. Third St.  
Los Angeles, CA 90048  
Tel: 323-951-4000  
Fax: 323-782-4800  
Web site: <http://www.wga.org>

*The Writers Guild of America is the sole collective bargaining representative for writers in the motion picture, broadcast, cable, interactive and new media industries. It has numerous affiliation agreements with other U.S. and international writing organizations and is in the forefront of the debates concerning economic and creative rights for writers.*

**Special Support**

**ACADEMY OF MOTION PICTURE ARTS AND SCIENCES**

8949 Wilshire Blvd.  
Beverly Hills, CA 90211  
Tel: 310-247-3000  
Fax: 310-859-9351  
E-mail: [ampas@oscars.org](mailto:ampas@oscars.org)  
Web site: <http://www.oscars.org>

*The Academy of Motion Picture Arts and Sciences, a professional honorary organization of over 6,000 motion picture professionals, was founded to advance the arts and sciences of motion pictures; foster cooperation among creative leaders for cultural, educational and technological progress; recognize outstanding achievements; cooperate on technical research and improvement of methods and equipment; provide a common forum and meeting ground for various branches and crafts; represent the viewpoint of actual creators of the motion picture; and foster educational activities between the professional community and the public-at-large.*

### **ACADEMY OF TELEVISION ARTS & SCIENCES**

5220 Lankershim Blvd.  
North Hollywood, CA 91601  
Tel: 818-754-2800  
Fax: 818-761-2827  
Web site: <http://www.emmys.tv>

*The Academy of Television Arts & Sciences is a non-profit corporation devoted to the advancement of telecommunications arts and sciences and to fostering creative leadership in the telecommunications industry. ATAS also sponsors meetings, conferences and activities for collaboration on a variety of topics involving traditional broadcast interests, new media and emerging digital technology. The Academy publishes the Emmy magazine, produces the ATAS Hall of Fame and through the ATAS Foundation, is responsible for the ATAS Archive of American Television (AAT), ATAS/UCLA Television Archives, ATAS Foundation Library at USC, College Television Awards, the Internship program, S.T.A.R.T. Communications, the Visiting Artists.*

### **AMERICAN FEDERATION OF TELEVISION AND RADIO ARTISTS (AFTRA)**

5757 Wilshire Blvd., 9<sup>th</sup> Floor  
Los Angeles, CA 90036  
Tel: 323-634-8100  
Fax: 323-634-8194  
Web site: <http://www.aftra.org>

*The American Federation of Television and Radio Artists (AFTRA) is a national labor union representing nearly 80,000 performers, journalists and other artists working in the entertainment and news media.*

*AFTRA's scope of representation covers broadcast, public and cable television (news, sports and weather; drama and comedy, soaps, talk and variety shows, documentaries, children's programming, reality and game shows); radio (news, commercials, hosted programs); sound recordings (CDs, singles, Broadway cast albums, audio books); "non-broadcast" and industrial materials as well as Internet and digital programming.*

### **CALIFORNIA FILM COMMISSION (CFC)**

7080 Hollywood Blvd., Ste. 900  
Hollywood, CA 90028  
Tel: 800-858-4749  
Tel: 323-860-2960  
Fax: 323-860-2972  
Web site: <http://www.film.ca.gov>

*The California Film Commission (CFC) enhances California's position as the premier location for all motion picture and television production. A one-stop shop for filmmaker, the CFC issue permits filming on state-owned property and manages incentive programs for filming in California. Services and Programs offered include:*

- *Location and permit assistance*
- *Production planning and troubleshooting*
- *24-hour assistance hotline: 1-800-858-4PIX*
- *Free permits and no location fees for California State properties*
- *Access to wide variety of State locations through the State Theatrical Art Resource (STAR) partnership.*
- *A network of 55+ in-State regional film commissioners to help filmmakers find the perfect location for their projects*

### **ENTERTAINMENT INDUSTRY DEVELOPMENT CORPORATION (EIDC)**

Los Angeles Film Office  
7083 Hollywood Blvd., 5<sup>th</sup> Floor  
Hollywood, CA 90028  
Tel: 323-957-1000  
Fax: 323-463-0613  
Web site: <http://www.eidc.com>

*EIDC develops creative solutions to the challenges that face the entertainment industry at all levels and in all facets of production. Services are geared to benefit the entertainment industry, while working to minimize any negative impacts of location activities on local communities. Services include:*

- *The coordination and issuing of location shooting permits for the City of Los Angeles, unincorporated areas of Los Angeles County, county-owned or operated properties, and several municipalities and locales in California*

- *Liaison efforts between the entertainment industry and local residents, merchants, and governments*
- *24/7 ombudsman to help solve problems: 1-800-201-5982*

#### **AMERICAN ANIMATION INSTITUTE**

4729 Lankershim Blvd.

North Hollywood, CA 91602-1864

Tel: 818-766-0521

Fax: 818-506-4805

Web site: <http://www.mpsc839.org/mpsc839>

*The Animation Guild and Affiliated Optical Electronic and Graphic Arts founded AAI in 1980. It offers professional instruction ("real world training") in screen animation. Classes are taught by experienced industry artists. As well as classes geared to industry professionals, the institute offers introductory and intermediate classes for persons without previous professional experience who are seeking their first jobs in screen cartooning.*

#### **AMERICAN FILM INSTITUTE**

**Center for the Advanced Film and Television Studios (CAFTS)**

2021 N. Western Ave.

Los Angeles, CA 90027

Tel: 323-856-7600

Fax: 323-467-4578

Web site: <http://www.afionline.org>

*AFI has served as America's voice for film, television, video, and the digital arts, with innovative programs in education, training, exhibition, preservation, and new technology. AFI's commitment to visual storytelling is embodied by three main goals: train, preserve, and recognize the art of film, television, and other forms of moving image. AFI's Center for Advanced Film and Television Studies offers an MFA in Cinematography, Directing, Editing, Producing, Production Design, Screenwriting and Digital Media.*

#### **IFP LOS ANGELES**

8750 Wilshire Blvd., 2<sup>nd</sup> Floor

Beverly Hills, CA 90211

Web site <http://www.ifpwest.org>

Tel: 310-432-1200

Fax: 310-432-1203

*IFP/Los Angeles (IFP/LA) is a non-profit membership organization dedicated to serving the independent film community. For more than twenty years, IFP/LA has been the primary support network for Southern California-based independent filmmakers and is a strong advocate for diversity and innovation in filmmaking.*

*IFP/LA's mission is to champion the cause of independent film and support a community of artists who embody diversity, innovation and uniqueness of vision. IFP/LA is committed to the idea that the independent cinema. IFP/LA supports, nurtures and educates independent filmmakers and builds audiences for their work.*

### **Regional Film Organizations**

#### **ANTELOPE VALLEY FILM OFFICE/LANCASTER**

**Film Liaison**

44933 Fern Ave.

Lancaster, CA 93534

Web site: <http://www.avfilm.com>

Tel: 661-723-6090

Fax: 661-723-5914

#### **BEVERLY HILLS COMMUNICATIONS AND MARKETING**

**Special Events & Film Permits**

455 N. Rexford Dr.

Beverly Hills, CA 90210

Web site: <http://www.beverlyhills.org>

Tel: 310-285-2438

Fax: 310-273-1096

#### **CATALINA CHAMBER OF COMMERCE**

**Catalina Chamber of Commerce**

P.O. Box 217

Avalon, CA 90704

Web site: <http://www.visitcatalina.org>

Tel: 310-510-7646

**Film Liaison:** 310-510-1646

# **CITY OF LONG BEACH**

## **Office of Special Events and Filming**

1 World Trade Center, Suite 300      Tel: 562-570-5333  
 Long Beach, CA 90831      Fax: 562-570-5335  
 Web site: <http://www.ci.long-beach.ca.us>

# **CITY OF LOS ANGELES**

## **Entertainment Industry Development Corporation**

LA Film Office  
 7083 Hollywood Blvd., 5th Floor      Tel: 323-957-1000  
 Hollywood, CA 90028      Fax: 323-962-4966  
 Web site: <http://www.eidc.com>

# **CITY OF MALIBU**

## **Permit Coordinator**

1736 Moorpark Road, Suite I      Tel: 310-456-2489  
 Thousand Oaks, CA 91360      Fax: 310-456-3356  
 Web site: <http://www.ci.malibu.ca.us>

# **CITY OF PASADENA**

## **Film Permit Liaison Office**

175 N. Garfield Ave., #102      Tel: 626-744-3964  
 Pasadena, CA 91109-7215      Fax: 626-744-4785  
 Web site: <http://www.filmpasadena.com>

# **CITY OF SOUTH PASADENA**

## **Film Liason**

1414 Mission Street      Tel: 626-403-7263  
 South Pasadena, Ca 91030      Fax: 626-403-7215  
 Web site: <http://www.ci.south-pasadena.ca.us>

# **CITY OF PALMDALE**

## **Convention & Visitors Bureau**

38300 Sierra Highway      Tel: 661-267-5119  
 Palmdale, CA 93550      Fax: 661-267-5122  
 Website: <http://www.cityofpalmdale.org>

# **SANTA CLARITA VALLEY FILM & TOURISM BUREAU**

23920 Valencia Blvd., #300      Tel: 661-284-1425  
 Santa Clarita, CA 91355-2175      Fax: 661-286-4001  
 Web site: <http://www.filmsantaclarita.com>

# **SANTA MONICA MOUNTAINS NATIONAL RECREATION AREA**

## **Permit Coordination Office**

National Park Service      Tel: 805-370-2301  
 401 W. Hillcrest Dr.      Fax: 805-370-1851  
 Thousand Oaks, CA 91360  
 Web site: <http://www.nps.gov/samo>

# **VENTURA COUNTY**

## **EDC-VC, Ventura County Film Council**

1601 Carmen Drive, Suite 215      Tel: 805-384-1800x23  
 Camarillo, CA 93010      Fax: 805-384-1805  
 Web site: [www.edc-vc.com](http://www.edc-vc.com)

# **CITY OF WEST HOLLYWOOD**

## **Film Liaison**

8300 Santa Monica Blvd.      Tel: 323-848-6489  
 West Hollywood, CA 90069      Fax: 323-848-6561  
 Web site: <http://www.ci.west-hollywood.ca.us>

## **Environmental Sciences and Management**

*Employment (4/'01): 1,339*

*Number of Establishments (4/'01): 199*

*Revenue (1997): \$122 Million*

*NAICS Code: 54162*

### **Education**

#### **CALIFORNIA INSTITUTE OF TECHNOLOGY (CALTECH)**

##### **Department of Environmental Engineering Science**

1200 E. California Blvd.

Pasadena, CA 91125

Tel: 626-395-4389

Fax: 626-395-3170

Web site: <http://vayu.che.caltech.edu/~ees/>

*Caltech's interdisciplinary Environmental Engineering Science program focuses on the science and engineering of environmental systems. Research and instruction are concentrated in the areas of air quality, water supply and water quality control, hazardous waste treatment, global environmental change, and the maintenance of stable ecosystems.*

#### **CALIFORNIA STATE UNIVERSITY, DOMINGUEZ HILLS**

##### **Division of Extended Education**

1000 E. Victoria St.

Carson, CA 90747

Tel: 877-GO-HILLS

Fax: 310-516-3971

Web Site: <http://www.csudh.edu/extendeded>

*The Division of Extended Education offers two Professional certificates in Environmental Health and Safety, taught by working professionals in the field. The Certificate Award in Environmental and Occupational Health & Safety is endorsed by the National Safety Council. The Certificate Award in Safety and Security is recognized and approved by the International Association of Safety & Security Professional (IASSP) Training Academy*

#### **CLAREMONT MCKENNA COLLEGE**

##### **Roberts Environmental Center**

925 N. Mills Ave.

Claremont, CA 91711

Director: Emil Morhardt

Tel: 909-621-8298

Fax: 909-621-8588

Web site: <http://www.mckenna.edu>

*The Roberts Environmental Center engages in environmental research and management, and promotes understanding of the interrelated complex issues of environmental protection, economic growth, and technological change. Closely associated with the Roberts Environmental Center is the new Environment, Economics, and Politics major at Claremont McKenna College. The program emphasizes environmental problems and opportunities and is ideal for students interested in applying environmental expertise during careers in business, law, and the government.*

#### **LOYOLA MARYMOUNT UNIVERSITY (LMU)**

##### **Civil Engineering and Environmental Science**

7900 Loyola Blvd.

Assoc. Dean: W. Thomas Calder

Los Angeles, CA 90045

Tel: 310-338-2833

Web site: [http://cse.eng.lmu.edu/~ce\\_web](http://cse.eng.lmu.edu/~ce_web)

*This program will help students apply scientific and economic principles to evaluate the technical, economic and environmental feasibility of projects and prepares or assists in the preparation of environmental impact reports, topographic and boundary surveys, and soils and geotechnical investigations.*



**OCCIDENTAL COLLEGE**  
**Environmental Science Studies**

1600 Campus Road  
 Los Angeles, CA 90041  
 Tel: 323-259-2518  
 Fax: 323-259-2734  
 Web site: <http://www.oxy.edu>

Director: Dr. James Sadd

*Environment students take full advantage of the college's research facilities and co-curricular programs, and participate in study abroad programs. The resources available include environmental analysis laboratories, Geographic Information Systems computer facilities, the 85 ft. oceanographic research vessel Vantuna, and research and outreach centers including the Urban and Environmental Institute, the Pollution Prevention Education Research Center.*

**PITZER COLLEGE**  
**Environmental Studies Program**

1050 North Mills Ave.  
 Claremont, CA 91711  
 Tel: 909-621-8219  
 Fax: 909-621-8770  
 Web site: <http://www.pitzer.edu>

Dean: Dr. Paul Faulstich  
 No. of Students: 25  
 2002-2003 graduates: 8

*Pitzer College offers a Bachelor of Arts degree program that focuses on the interaction between the human and non-human components of the biosphere. The program consists of course work in three broad areas: human ecology, environmental policy, and environmental science.*

**UNIVERSITY OF CALIFORNIA, LOS ANGELES (UCLA)**  
**Institute of the Environment**

610 Charles E. Young Dr. East  
 1652 Hershey Hall  
 Los Angeles CA 90095-1496  
 Tel: 310-825-5008  
 Fax: 310-825-9663  
 Web site: <http://www.ioe.ucla.edu>

Director: Richard P. Turco  
 No. of Students: 39

*The UCLA Institute of the Environment's mission is to develop multidisciplinary programs that address the full complexity of today's*

*environmental problems and to stimulate innovative, interdisciplinary research on local, regional, and global environmental issues. The Institute offers an undergraduate general-education course cluster that surveys the entire field from all perspectives. The Institute of the Environment is also involved in numerous projects in the Southern California region and beyond including the Los Angeles Basin Watershed Project, the Airshed Project, and a Geographical Information System for the Los Angeles area.*

**UNIVERSITY OF LA VERNE**  
**Environmental Management**

1950 3<sup>rd</sup> Street  
 La Verne, CA 91750  
 Tel: 909-593-4601  
 Fax: 909-392-2754  
 Web site: <http://www.ulaverne.edu>

Program Chair: Robert Neher

*The university offers a B.A. in Environmental Management, a field that deals with the problems of pollution, demography, contamination, management of resources, etc. Classes include courses in biology, human & environmental toxicology, geology, and the legal environment of business among others.*

**UNIVERSITY OF SOUTHERN CALIFORNIA (USC)**  
**Southern California Environmental Health Sciences Center**

USC School of Medicine  
 1540 Alcazar Street, CHP 236  
 Los Angeles, CA 90033-4500  
 Tel: 323-442-3077  
 Fax: 323-442-3272  
 Web Site: [http://www.usc.edu/hsc/medicine/preventive\\_med/scehsc](http://www.usc.edu/hsc/medicine/preventive_med/scehsc)

Director: Dr. John Peters

*The Southern California Environmental Health Sciences Center, established in 1996, is comprised of researchers and professionals from the University of Southern California, the University of California at Los Angeles, and the California Institute of Technology. Together they have created an interdisciplinary approach to the study and advancement of research in environmental health that focuses on using epidemiologic methods to study effects of the environment on human health. The Center supports numerous programs including an Environmental Health Research Pilots Project and a Community Outreach and Education Program.*

**USC Wrigley Institute for Environmental Studies**

AHF 232                                      Director: Dr. Anthony Michaels  
USC  
Los Angeles, CA 90089-0371  
Tel: 213-740-6780  
Fax: 213-740-6720  
Web site: <http://wrigley.usc.edu>

*The USC Wrigley Institute and its fourteen-acre Wrigley Marine Science Center on Catalina Island aims to provide society with a relevant and objective source of marine and environmental information. To achieve this end the Wrigley Institute has defined the following four areas of concentration: Traditional Marine Science and Educational Activities, Regional Interdisciplinary Environmental Research, Telepresence Education, and Science-Business Linkages. Research and academic programs offered through the Wrigley Institute include regional interdisciplinary environmental science, environmental science and business risk, and a spring semester on Catalina Island.*

**Association/Support**

**ASSOCIATION OF ENERGY ENGINEERS (AEE)**

Southern California Chapter  
P.O. Box 91359  
Long Beach, CA 90809-1359  
Tel: 562-597-2999  
Fax: 562-597-2990

*AEE Southern California Chapter is a non-profit organization of energy and environmental engineering professionals. AEE is devoted to energy efficiency, energy conservation and environmental issues.*

**WESTSTART-CALSTART**

3360 E. Foothill Blvd.  
Pasadena, CA 91107  
Tel: 626-744-5600  
Fax: 626-744-5610  
Web site: <http://www.calstart.org>

*WestStart-CALSTART provides clean transportation expertise to assist fleets/organizations involved in planning, developing, testing and implementing transportation and mobility programs. WestStart-CALSTART's multidisciplinary team addresses increasingly complex emissions questions, operations issues and economic challenges to ultimately develop a customized clean fuel vehicle implementation strategy for each of its client's needs.*

**ECO EXPO INC.**

14260 Ventura Blvd., Ste. 201  
Sherman Oaks, CA 91423  
Tel: 818-906-2700  
Fax: 818-906-0367  
E-mail: [ecoexpo@aol.com](mailto:ecoexpo@aol.com)  
Web site: <http://www.ecoexpo.com>

*As a trade and consumer show, Eco Expo's mission is to promote environmental products and services to businesses and to the public. Environmental trade shows are held once year and showcase hundreds of environmental products and services available in the market today. Seminars and workshops are held in conjunction with the trade show to educate industry and government personnel on environmental issues in a wide range of industries. In addition to its yearly events, Eco Expo also offers environmental consulting services to companies.*

**SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT (AQMD)**

21865 E. Copley Drive  
Diamond Bar, CA 91765  
Tel: 800-CUT-SMOG  
Fax: 909-396-3335 (Public Information)  
<http://www.atdcpf.com/newsletter/uv012000.htm>

*AQMD is a regional government agency that seeks to achieve and maintain healthful air quality through a comprehensive program of research, regulations, communications, and technical assistance.*

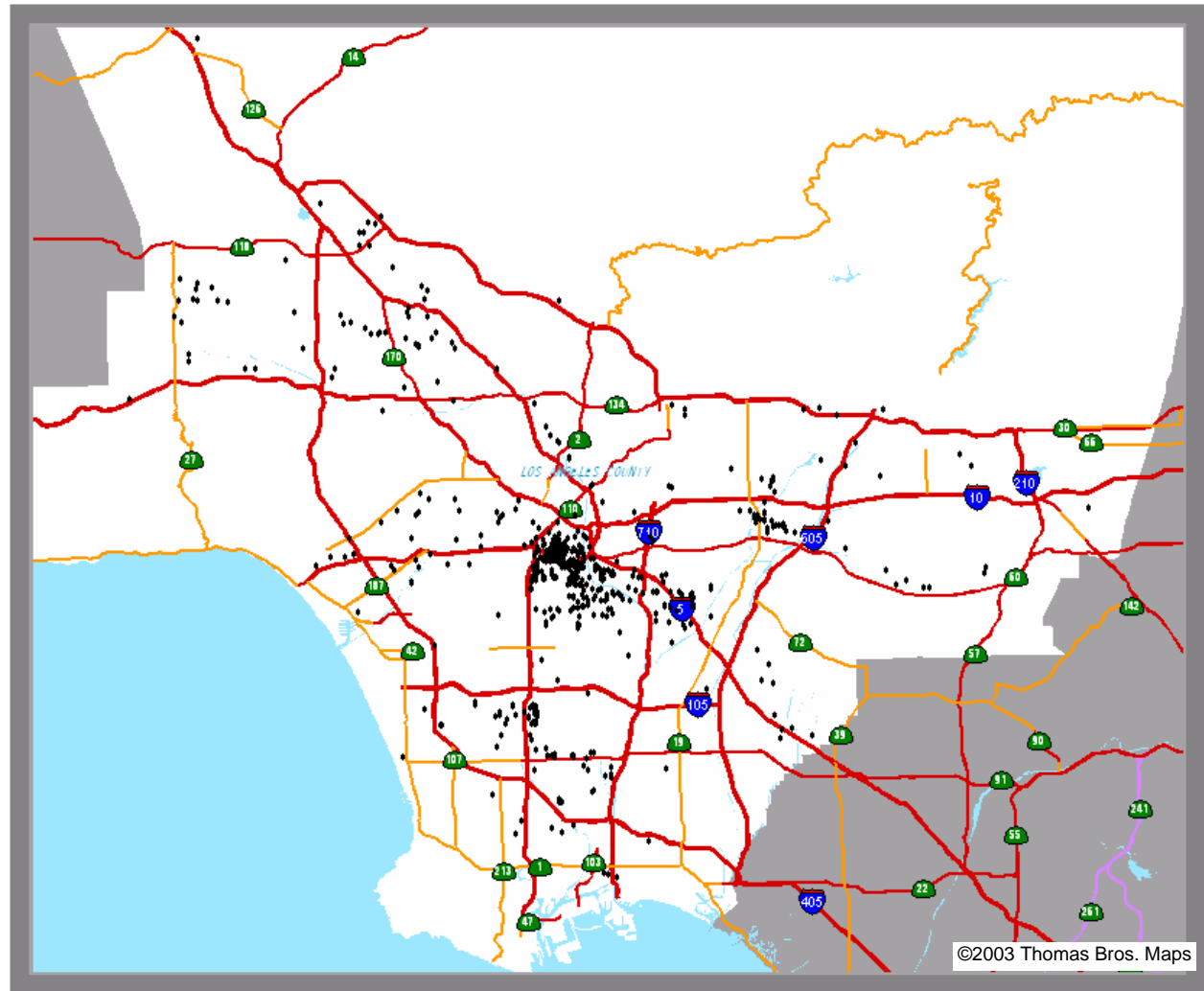
## **Fashion & Textiles**

### **Apparel Design / Manufacturing / Distribution**

*Employment (4/'01): 120,255*  
*Number of Establishments (4/'01): 7,271*  
*Shipments/Receipts (1997): \$21 Billion*  
*NAICS Codes: 313, 315, 4223*

Los Angeles County's \$21 billion Apparel Industry is number one in the nation, with more than 107,000 people at work in the design, manufacturing, and wholesaling of clothing. This places the region among the major international fashion centers of New York, Paris, London, and Milan.

The local industry's strong suit is the design of women's, junior, contemporary, and urban fashions. L.A. apparel manufacturing has benefited from the continuous infusion of talent from several educational institutions with focused training programs, including the Fashion Institute of Design & Merchandising, Otis College of Art & Design, and the Fashion Center of L.A. Trade Technical College. It also has an outstanding support network of many associations, and is home to the California Market Center, the largest apparel trade mart in the world.



## Education

### **BROOKS COLLEGE**

#### **Fashion Design/Fashion Merchandising Departments**

4825 E. Pacific Coast Highway

Long Beach, CA 90804

Tel: 800-421-3775

Fax: 562-597-7412

Web site: <http://www.brookscollege.edu>

Dept. Chair: Linda Tucker

*The mission of the Fashion Design and Fashion Merchandising Departments at Brooks College is to provide academic and specialized practical instruction to prepare students for entry-level positions in the fashion industry. Graduates of the Associate of Arts program in Fashion Design are qualified for the following: Designer and Assistant Designer, Fashion stylist, Production, Pattern maker, Pattern Grader, Fabrications and Trim Buyer, Fashion Illustrator, and Textiles Artist. Graduates of the Associates of Arts program in Fashion Merchandising are qualified for management and/or executive training positions, Assistant Sales Manager, Assistant Buyer, and Promotion/Special Events Coordinator.*

### **CALIFORNIA DESIGN COLLEGE**

3440 Wilshire Blvd.

Los Angeles, CA 90010-2101

Tel: 213-251-3636

Fax: 213-385-3545

Web site: <http://www.cdc.edu>

Director: Sabrina Kay

*California Design College offers four degree programs in Apparel Manufacturing, Advanced Fashion Design, Visual Merchandising, and Fashion Merchandising, as well as accelerated certificate programs using the latest fashion CAD/CAM.*

### **CALIFORNIA STATE POLYTECHNIC UNIVERSITY (Cal Poly), POMONA**

#### **Apparel Merchandising and Management Department**

3801 W. Temple Ave.

Pomona, CA 91768

Tel: 909-869-3377

Fax: 909-869-4456

Dept. Chair: Betty Tracy

No. of Students: 125

Web site: <http://www.csupomona.edu/amm>

*The Apparel Merchandising and Management (AMM) degree program prepares students in science, technology, and management as applied to the apparel industry in a globally competitive environment. The program at Cal Poly Pomona has two options, one concentrating on fashion retailing, and the second concentrating on apparel production.*

### **CALIFORNIA STATE UNIVERSITY, LOS ANGELES (CSULA)**

#### **Fashion and Textiles (Art Department)**

5151 State University Drive

Los Angeles, CA 90032

Tel: 323-343-4033

Fax: 323-343-4045

Web site: <http://www.calstatela.edu/dept/art>

Chair: Professor Ed Forde

Advisor: Dr. Carol Tuntland

Dr. Rebecca Davis

*The Department of Art offers a B.A. in Art with an option in Fashion and Textiles and an MA in Art with specialization in Fashion and Textiles. Students in the Fashion and Textiles option can choose specializations in Design, Merchandising, or Textiles. The program helps students broaden their knowledge and learn the basics about the apparel industry, increase their awareness of the fashion industry in southern California, and prepare for the global apparel industry. Broad ranges of courses are available including computer fashion design, merchandising, and textiles, marketing, and business management. Certificate programs in Fashion Design, Fashion Merchandising, Textile design and manufacturing are available.*

### **EAST LOS ANGELES COLLEGE**

#### **Fashion Design/Fashion Merchandising Programs**

1301 Avenida Cesar Chavez

Monterey Park, CA 91754

Tel: 323-265-8870

Web site: <http://www.elac.cc.ca.us>

Dept. Chair: Julie Benevides

*The programs leading to a certificate in Fashion Design or Fashion Merchandising prepare students seeking employment as a fashion designer, coordinator in the ready to wear industry, and wholesale fashion showrooms. Classes include fashion analysis, textiles, sketching, design, marketing, and merchandising.*

## **EL CAMINO COLLEGE**

### **Fashion Department**

16007 Crenshaw Blvd.

Torrance, CA 90506

Tel: 310-660-3346

Fax: 310-376-4799

E-mail: [cwisdom@elcamino.edu](mailto:cwisdom@elcamino.edu)

Web site: <http://www.elcamino.edu>

Coordinator: Chris Wisdom

*El Camino Community College offers a Fashion Design and Merchandising Major A.S. degree or certificate.*

## **FASHION CAREERS INTERNATIONAL (FCT)**

112 West Ninth Street, Suite 1030

Los Angeles, CA 90015

Phone 1: (800) 360-4677

Phone 2: (213) 688-4936

Fax: (213) 688-4946

E-mail: [fashioncareersint@hotmail.com](mailto:fashioncareersint@hotmail.com)

Web Site: <http://www.fashioncareersusa.com>

*The mission and the agenda of FCI is to provide students with the competitive edge, marketable skills, professionalism and creativity for immediate job opportunities in the fashion industry.*

*Fashion Careers International is a co-educational, one of a kind school introducing as accelerated Fast-Track program focusing on two essential areas of the fashion industry:*

- *Fashion Design/Manufacturing*
- *Fashion Merchandising, Marketing and Entrepreneurship*

## **FASHION INSTITUTE OF DESIGN AND MERCHANDISING (FIDM)**

919 S. Grand Ave.

Los Angeles, CA 90015

Tel: 213-624-1200

Fax: 213-624-9354

Web site: <http://www.fidm.com>

Program coordinator: Janene Zak

*The Fashion Institute of Design and Merchandising is dedicated to staying at the forefront of immediate adoption of advanced technology and information that impacts all forms of design and executive talent. FIDM has training programs in the fields of fashion design and merchandising. Upon completion of the program, students are awarded an Associate of Arts degree. It also provides informational services to students, educators, scholars, researchers, the industry, press, as well as the general public.*

## **GLENDALE COMMUNITY COLLEGE**

### **Fashion Design Merchandising**

1500 N. Verdugo Rd.

Glendale, CA 91208

Tel: 818-240-1000 x 5327

Fax: 818-549-9436

E-mail: [fshaw@glendale.edu](mailto:fshaw@glendale.edu)

Web site: <http://www.glendale.cc.ca.us>

Division Chair: Frances F. Shaw

*Courses in Fashion Design Merchandising include training in areas related to basic clothing pattern design, fashion illustration, fashion merchandising, textiles, and computerized pattern design and marking.*

## **LONG BEACH CITY COLLEGE**

### **Fashion Design/Fashion Merchandising Programs**

4901 E. Carson St.

Long Beach, CA 90808

Tel: 562-938-4336

E-mail: [dschaefer@lbcc.edu](mailto:dschaefer@lbcc.edu)

Web site: <http://www.lbcc.cc.ca.us>

Dept. Chair: Debra Schaefer

*The Fashion Design and Fashion Merchandising programs in LBCC will prepare students for careers in all phases of retailing, manufacturing, marketing, and production of apparel. A certificate of completion or Associate's degree will help students obtain an entry-level position or career advancement.*

## **LOS ANGELES TRADE TECHNICAL COLLEGE**

### **Fashion Design Program**

400 W. Washington Blvd.

Los Angeles, CA 90015

Tel: 213-763-7000

TDD: 213-763-5375

Fax: 213-763-5393

Web site: <http://www.lattc.cc.ca.us>

Dean: Sharon Tate

No. of Students: 1,434

2002-2003 graduates: 97

*L.A. Trade-Tech's Fashion Design Program is designed to provide specialized training in the latest methods of sewing, sketching, draping, and pattern making. Students are encouraged to continually experiment with creative design problems during the two-year program. An Associate's degree can be earned in Fashion and Visual Merchandising, Fashion Design, Fashion Technology, and Apparel Production Technician.*

## **MT. SAN ANTONIO COLLEGE**

### **Fashion Design/Fashion Merchandising Programs**

1100 N. Grand Ave.

Walnut, CA 91789

Tel: 909-594-5611 x4511

Fax: 909-468-3936

Web site: <http://www.mtsac.edu>

Program Coordinator: Terri Faraone

*The Fashion Design & Merchandising program is intended to prepare students for employment in the field of fashion from retailing to manufacturing. Students learn basic pattern making, textiles, design, promotion, marketing, and fashion show production. An Associate in Science degree is awarded after completion of the program.*

## **PASADENA CITY COLLEGE**

### **Fashion Department**

1570 E. Colorado Blvd.

Pasadena, CA 91106

Tel: 626-585-7355

Fax: 626-585-7946

Web site: <http://www.paccd.cc.ca.us>

Dean: Don Paxton

*PCC's fashion program entails two years of study with 50 units. The majority of time is spent studying pattern making and design. Computer*

*illustration skills are also stressed. The program emphasizes the target customer rather than the imaginary customer.*

## **OTIS COLLEGE OF ART AND DESIGN**

### **Fashion Design Department**

110 E. 9<sup>th</sup> St., Ste. C201

Los Angeles, CA 90079

Tel: 310-665-6875

Fax: 213-489-1091

Web site: <http://www.otis.edu>

Dept. Chair: Rosemary Brantley

No. of Students: 200

2002-2003 graduates: 19

*The Otis College Fashion Design Department specializes in training for illustrations, fashion design, textiles, patterns, pattern drafting and model drawing. Otis Fashion students have the benefit of working with current designers on challenging design problems and a chance to show their talent in the annual fashion show. The teaching philosophy in fashion design puts the professional alongside the student. Upon completion of the program, students are awarded a Bachelor's degree in Fashion Design.*

## **SANTA MONICA COLLEGE**

### **Fashion Design & Merchandising**

1900 Pico Blvd.

Santa Monica, CA 90405

Tel: 310-434-4621

Web site: <http://www.smc.edu>

Dept. Chair: Maurizio Barattucci

No. of Students: 298

*The objective of this interdisciplinary program is employment in the fashion and apparel industry. This course is designed to serve both students of fashion design and fashion merchandising in preparing them to become familiar with the nature of fashion design and its components and to understand how environmental factors influence the style, color, texture and design of garments. Upon completion of the program, an Associates degree or certificate will be awarded.*

## **SANTA MONICA COLLEGE WORKFORCE & ECONOMIC DEVELOPMENT**

### **Automated Apparel/Knitwear/Design Training**

1660 Stewart St.

Santa Monica, CA 90403

Tel: 310-434-3566

Web site: <http://www.smc.edu/workforcedevelopment>

*This program is funded by the CA Employment Training Panel (ETP) and is designed under a Career Ladder Initiative. The goal of the program is to develop and upgrade workers skills to increase productivity and widen their opportunity for advancement within the company.*

*The program is in collaboration with apparel manufacturers and distributors Franch Rags in Santa Monica, Woo-AMI, LAVA Co., Andaro, Bodice & Knit, and Nine K. Students can learn basic structures and methods of knitted fashions. Students are exposed to the STOLL automated knitting machine, its operations and basic programming techniques.*

### **WOODBURY UNIVERSITY**

#### **Fashion Design Department**

7500 Glenoaks Blvd.

Dept. Chair: Penny Collins

Burbank, CA 91510

Tel: 818-767-0888 x332

Fax: 818-767-7520

Web site: <http://www.woodburyu.edu>

*The University's Fashion Design Department offers a four-year Bachelor of Science degree with a major in fashion design. The curriculum emphasizes research, critical and creative thinking, and strong technical skills allowing students to bring their ideas from concept to final product. The creative work of the fashion design student is showcased in the Annual Fashion Show.*

### **Associations**

#### **AMERICAN APPAREL & FOOTWEAR ASSOCIATION (AAFA)**

1601 N. Kent St., Suite 1200

Arlington, VA 22209

Tel: 800-520-2262

Fax: 703-522-6741

Web site: <http://www.americanapparel.org>

*The American Apparel & Footwear Association was formed in August 2000 through the merger of two highly regarded trade associations: the American Apparel and Footwear Industries of America. Drawing from a broad, strong membership base, AAFA is the national trade association representing apparel, footwear, and other sewn product companies and their suppliers, which compete in the global marketplace.*

#### **AMERICAN ASSOCIATION OF TEXTILE CHEMISTS AND COLORISTS (AATCC)**

P.O. Box 12215

Research Triangle Park, NC 27709

Tel: 919-549-8141

Fax: 919-549-8933

Web site: <http://www.aatcc.org>

*The American Association of Textile Chemists and Colorists seeks to promote increase of knowledge of the application of dyes and chemicals in the Textile Industry, encourage in any practical way research work on chemical processes and materials of importance to the Textile Industry, and establish for the members channels by which the interchange of professional knowledge among them may be increased.*

#### **AMERICAN TEXTILE MANUFACTURERS INSTITUTE (ATMI)**

1130 Connecticut Ave. NW, Suite 1200

Washington, DC 20036

Tel: 202-862-0500

Fax: 202-862-0570

Web site: <http://www.atmi.org>

*The American Textile Manufacturers Institute (ATMI) is the national trade association for the domestic textile industry. Its objective is to provide its*

*member companies with an organization to deal with problems and programs on an industry-wide, national basis. ATMI is the U.S. textile industry's primary spokesman with the legislative and administrative branches of the federal government as well as the news media. ATMI's activities encompass government relations, international trade, product and administrative services, communications and economic information. It serves as the coordinating force behind efforts of related trade associations and other organizations to obtain orderly international trade in textiles. At the same time, it is focusing efforts to obtain feasible and practical solutions to regulatory concerns.*

**ASSOCIATION OF TEXTILE DYERS, PRINTERS AND FINISHERS OF SOUTHERN CALIFORNIA**

2833 Leonis Blvd., Ste. 316  
Los Angeles, CA 90058  
Tel: 323-589-5833  
Fax: 323-589-1731  
E-mail: [info@atdpf.com](mailto:info@atdpf.com)  
Web site: <http://www.atdpf.com>

*The Association of Textile Dyers, Printers and Finishers of Southern California is the united voice of the textile industry. Its members supply textile to garment manufacturers, fashion designers, home furnishings markets and fabric suppliers.*

**CALIFORNIA FASHION ASSOCIATION (CFA)**

444 S. Flower St., 34th Floor  
Los Angeles, CA 90071  
Tel: 213-688-6288  
Fax: 213-688-6290  
E-mail: [calfashion@hotmail.com](mailto:calfashion@hotmail.com)  
Web site: <http://www.californiafashionassociation.org>

*CFA is the networking forum for the California fashion industry. Members include manufacturers and their suppliers, financial and professional service providers, and educational institutions. The Association provides the fashion industry with information for compliance with labor laws, development of international trade, technological advancement education, and industry networking.*

**L.A. FASHION DISTRICT**

110 E. 9<sup>th</sup> St., Ste. A-1175  
Los Angeles, CA 90079  
Tel: 213-488-1153  
Fax: 213-488-5159  
Web site: <http://www.fashiondistrict.org>

*The L.A. Fashion District (formerly known as the Garment District) houses the largest concentration of fashion-related businesses in the Western U.S. The District attracts millions of wholesale and retail buyers every year. The symbiotic relationship and diverse range of fashion businesses (covering every stage of apparel production from design to manufacturing) makes the District an ideal incubator for small to midsize businesses.*

**GARMENT CONTRACTORS ASSOCIATION**

110 E. 9<sup>th</sup> St., Ste. A701  
Los Angeles, CA 90079  
Tel: 213-629-4422  
Fax: 213-629-4517  
Web site: <http://www.garmentcontractors.org>

*The Garment Contractors Association's main purpose is to provide education in promoting the highest quality of workmanship and business practices, and thus contribute to the development of the garment industry. They provide ETP approved training program for frontline production workers, Group workers' compensation program, licensing assistance, and contractor referrals. The Association holds monthly meetings and a scholarship banquet.*

**KOREAN AMERICAN GARMENT INDUSTRIES ASSOCIATION OF CALIFORNIA (KAGIA)**

1830 W. Olympic Blvd., Ste. 219  
Los Angeles, CA 90006  
Tel: 213-389-7776  
Fax: 213-389-6093

*The Korean American Garment Industries Association of California assists in education regarding labor compliance laws, contractor registration, and provides mediation for contractor payment disputes.*



**TEXTILE ASSOCIATION OF LOS ANGELES (TALA)**

110 E. 9<sup>th</sup> St., Ste. C765  
 Los Angeles, CA 90079  
 Tel: 213-627-6173  
 Fax: 213-627-0015  
 Web site: <http://www.textileassociation.org>

*The Textile Association of Los Angeles is a membership group of professionals engaged in the sales of textiles, related products and services to the apparel industry. The Association, through its office and yearly directory along with the Internet, provides resource information, and locates textiles. TALA provides camaraderie to its members and through committees creates events for the community, one of which is a scholarship program luncheon. TALA also sponsors the Los Angeles International Textile Show held twice a year.*

**SMALL MANUFACTURERS ASSOCIATION OF CALIFORNIA (SMA)**

1603 Don Carlos Ave.  
 Glendale, CA 91208  
 Tel: 818-242-7658  
 Fax: 818-240-5441  
 Web site: <http://www.smac.org>

*SMA represents approximately 800 small- and medium-sized manufacturing companies' throughout California. SMA provides advocacy and other benefits for its members, which is primarily made up of durable goods manufacturers.*

**Special Support**

**CALIFORNIA STATE POLYTECHNIC UNIVERSITY (Cal Poly), POMONA**

**Apparel Technology and Research Center (ATRC)**  
 3801 W. Temple Ave. Director: Jean Gipe  
 Pomona, CA 91768 Tel: 909-869-5293  
 Web site: <http://atrc.age.csupomona.edu> Fax: 909-869-4333

*Established on the Cal Poly Pomona campus in 1992, ATRC is an outreach program designed to work directly with people and companies in the domestic apparel industry to increase their competitiveness. ATRC assists apparel companies of all sizes in improving production quality through education, research and training programs. Among the services offered are tours of the demonstration site factory, technical information and resources, referrals, consulting, education and seminar programs, an ATRC newsletter, and an on-line sourcing database, "The Source."*

**CALIFORNIA MANUFACTURING TECHNOLOGY CONSULTING (CMTC)**

1149 W. 190<sup>th</sup> St., Ste.2014  
 Gardena, CA 90248  
 Phone 1: (800) 300-2683(CA only)  
 Phone 2: (310) 263-3060  
 Fax: (310) 263-3062  
 Web Site: <http://www.cmtc.com>

*The California Manufacturing Technology Consulting (CMTC) was established in 1992 to assist small and medium-sized manufacturers (SMMs) in California grow and improve their operational efficiencies and global competitiveness. Our mission is to provide consulting services to California's hi-tech and traditional SMMs to build successful businesses that grow the economy. CMTC provides consulting services in the areas of Strategic Business Services, Information Technology Services, Quality Management Services and Lean Enterprise Services and Supply Chain Management. Essentially CMTC specializes in a variety of services that help companies to:*

- Cut down production time
- Cut down overhead costs
- Reduce costs

- Implement new software packages
- Learn and successfully become ISO Certified
- Increase employee skills through training
- And much, much more!

**SAN GABRIEL VALLEY INTERNATIONAL BUSINESS INCUBATOR (SGVIBI)**

10501 Valley Blvd., Ste. 1888      Tel: 626-279-7979  
 El Monte, CA 91731      Fax: 626-279-7978  
 Web site: <http://www.sgvibi.com>

*For small businesses who have limited resources and like to acquire the finer points of running a successful business, San Gabriel Valley International Business Incubator (SGVIBI), a non-profit organization located in El Monte, offers the most and complete business resources in all Industries. SGVIBI also offers assistance to individuals interested in starting up new businesses in Los Angeles.*

**FASHION BUSINESS INCORPORATED (FBI)**

127 E. 9<sup>th</sup> St., Ste. 212      Tel: 213-892-1669  
 Los Angeles, CA 90015      Fax: 213- 892-8595  
 E-mail: [info@fashionbizinc.org](mailto:info@fashionbizinc.org)  
 Web site: <http://www.FashionBizInc.com>

*The Fashion Business Inc. (FBI) is a California public benefit corporation whose mission is to provide access to knowledge, training, resources and promotion that is of critical need to small businesses in order to effectively compete and thrive within the apparel industry.*

*The following are services being provided by FBI:*

- Providing professional development, mentoring, business and management training to owners and prospective owners of small apparel businesses.
- Offering opportunities for networking and introductions to industry services, resources, suppliers & products.
- Marketing and promotion of members' products.
- Creating a common ground for the diverse sectors of the Los Angeles Apparel Industry to join together for their mutual benefit.
- Creating a crossroads of manufacturers and contractors

- Supporting and reinforcing downtown as the center of the Apparel Industry in So. California through real estate location services.
- Enhancing employment and tax revenues through the growth of small businesses.

**Other**

**THE CALIFORNIA MARKET CENTER**

110 E. 9<sup>th</sup> St.      Tel: 213-630-3600  
 Los Angeles, CA 90079      Fax: 213-630-3708  
 Web site: <http://www.californiamarketcenter.com>

*The California Market Center, formerly the California Mart, is the newest marketplace for fashion, gift & home. This premier wholesale facility on the west coast has a 35 year history of leadership as the center of the industry for fashion and textiles. As retailing has evolved into a more lifestyle oriented approach-featuring products across multiple categories-this wholesale marketplace is the first in the country to reflect the change by offering a wider array of goods (1,000 showrooms with nearly 10,000 product lines) to the retailers who shop here from all 50 states and 30 countries. Open year-round, the CMC hosts five major fashion weeks, four gift & home markets, two textile markets, and 20+ specialty markets throughout the year. Style starts here.*

**THE NEW MART**

127 E. 9<sup>th</sup> St.      Tel: 213-627-0671  
 Los Angeles, CA 90015      Fax: 213-627-1187  
 Web site: <http://www.newmart.net>

*The New Mart is the only showroom venue in the U.S. dedicated exclusively to contemporary adult's clothing and accessories. Located in the heart of the Los Angeles Fashion District, the New Mart is home to 60+ showrooms offering more than 600 directional resources.*

**FABRICLINK**

Tel: 818-345-7501

Fax: 818-996-9738

Web site: <http://www.FabricLink.com>

*FabricLink is a World Wide Web site designed to serve the textile, apparel and retail industry and its customers. The site provides retailers and consumers with education and information about fabrics, apparel and clothing care, and mills, manufacturers and fiber producers with a forum to create awareness and interest in their products. FabricLink establishes a source for locating key fiber and fabric-related businesses, associations' organizations, and regulatory agencies for the industry, and links to other informative Web sites. FabricLink also offers an educational seminar on textile fibers and fabrics.*

**RTWear.com**

*The purpose of RTWear.com is to give apparel companies and related businesses throughout the world the ability to inter-connect with one another and establish business relationships at a click of a mouse. Another service is to provide classified ads where companies and job seekers interact. A company could source RTWear.com's job seekers pool where it could find people whose qualifications are unique to the business. On the other hand, companies looking for people to work could also take advantage of the privilege of placing a "wanted" ad in RTWear.com's classified ads.*



## **Education**

### **CALIFORNIA STATE UNIVERSITY, LOS ANGELES (CSULA) EXTENDED EDUCATION**

#### **Food Service Management Development**

5151 State University Dr. Program Coord: Jim Antonich  
Los Angeles, CA 90032  
Tel: 323-343-5964  
Fax: 323-343-4954  
Web site: <http://www.calstatela.edu>

*The certificate program offers current and aspiring food service managers the skills necessary to succeed in the food service industry. It is for food service personnel who wish to increase their knowledge and skills; for food service workers who are seeking promotions; or career changers seeking employment in food service.*

### **CALIFORNIA SUSHI ACADEMY**

1500 Main St. Executive Chef: Phillip Lee  
Venice, CA 90291  
Tel: 310-581-0213  
Fax: 310-581-5272  
Web site: <http://www.sushi-academy.com>

*Established in 1988, the California Sushi Academy is the first registered vocational school for the specialty of training sushi chefs in the state of California. The Academy offers both a basic and professional Sushi Chef Course consisting of a range of instruction from the fundamentals of Japanese foods to training in the preparation of sushi and sashimi.*

### **CERRITOS COLLEGE**

#### **Culinary Arts Program; Baking & Pastry Program**

11110 Alondra Blvd. Chief Instructor: Michael Pierini  
Norwalk, CA 90650 No. of Students: 225  
Tel: 562-860-2451 2002-2003 graduates: 32  
Fax: 562-467-5074  
Web site: <http://www.cerritos.edu>

*Cerritos College has been training students in foodservice for over 25 years. The Culinary Arts and Baking & Pastry programs offer strong academics and applied knowledge through hands-on applications. This includes formal dining, cafeteria style banquets, and catering operations. A certificate of completion and an Associate of Arts degree are obtained upon completion of the program. The College also offers the National Restaurant Association certificate courses including ServSafe, Purchasing and Professional Baking.*

### **GLENDALE COMMUNITY COLLEGE**

#### **Culinary Arts**

1500 N. Verdugo Road Dept. Chair: Paul Dozois  
Glendale, CA 91208  
Tel: 818-240-1000 x5541  
Fax: 818-549-9436  
E-mail: [pdozois@glendale.edu](mailto:pdozois@glendale.edu)  
Web site: <http://www.glendale.cc.ca.us>

*This program leading to a certificate in Culinary Arts provides basic and advanced training designed to prepare students for employment in various positions in the food service industry.*

### **LONG BEACH CITY COLLEGE**

#### **Culinary Arts**

4901 E. Carson St. Dept. Chair: Romain Bertein  
Long Beach, CA 90808  
Tel: 562-938-4502  
E-mail: [rbertein@lbcc.edu](mailto:rbertein@lbcc.edu)  
Web site: <http://www.glendale.cc.ca.us>

*Students will learn positions dealing with all phases of cooking for institutional, restaurant, and hotel type food operations. This program is ideal for students currently employed to enhance their skills in food services. An Associate's degree or certificate is awarded upon completion of the program.*

**LOS ANGELES CITY COLLEGE****Family and Consumer Studies: Child Development, Dietetics, and School Food Service**

855 N. Vermont Ave.  
Los Angeles, CA 90029  
Tel: 323-953-2290

Dept. Chair: Kathleen Bimber

Web site: <http://www.lacc.cc.ca.us>

*The School Food Service program equips students for positions related to food services, and it meets standards set forth by the California State Child Nutrition program. The Dietary Technician program prepares students for a career in institutional food services and the nutritional care of clients. Students are awarded a certificate upon completion of these programs.*

**LOS ANGELES MISSION COLLEGE****Food Services Management; Culinary Arts; Bilingual Food Technology**

13356 Eldridge Ave.

Sylmar, CA 91342

Tel: 818-364-7625

Fax: 818-364-7755

Web site: <http://www.lamission.cc.ca.us>

*LA Mission College offers the Dietary Supervisor Certificate. In this two-year program, students are taught how to make a variety of pastry specialties. The college also has a special biotechnical program featuring food production and recipe creation.*

**LOS ANGELES TRADE TECHNICAL COLLEGE****Culinary Arts Department**

400 W. Washington Blvd.

Los Angeles, CA 90015

Tel: 213-763-7331

Fax: 213-763-5375

E-mail: [culinary@lattc.edu](mailto:culinary@lattc.edu)

Web site: <http://www.lattc.cc.ca.us>

Interim President: Daniel Castro

No. of Students: 232

2002-2003 graduates: 55

*This two-year program that is recognized and accredited by the American Culinary Federation, will provide an intense hands-on study that will prepare students for the competitive culinary industry. The Culinary Arts*

*program offers an Associate in Arts degree or certificate in culinary arts or professional baking upon completion.*

**METROPOLITAN SKILLS CENTER****Cook Apprentice**

2801 W. 6<sup>th</sup> Street

Los Angeles, CA 90057

Tel: 213-386-7269

Fax: 213-383-7867

Program Coord: Deborah Weldon

*The Certificate program exposes participants to “prep” cooking, presentation, storage in all food categories, correct use and care of kitchen tools and equipment, sanitation and food handling techniques, with hands-on procedures and classroom theory.*

**MT. SAN ANTONIO COLLEGE****Restaurant/Food Services Management**

1100 N. Grand Ave.

Walnut, CA 91789

Tel: 909-594-5611 x4683

Web site: <http://www.mtsac.edu>

Program Coord. Stella Miller

*This program has been developed for those interested in employment as well as for currently employed personnel in the food service and restaurant management industry. The Food Service option has the endorsement of the California Food Service Association. An Associate’s degree is awarded upon completion of the program.*

**PASADENA CITY COLLEGE****Food Services**

1570 E. Colorado Blvd.

Pasadena, CA 91106

Tel: 626-585-7267

Web site: <http://www.paccd.cc.ca.us>

Dean: Robert Navarro

*The food services curriculum prepares students for working in various food services industries. Studies emphasize foods, terms and techniques, safety and sanitation, baking, catering, food preparation, menu planning, merchandising, and restaurant management. Students are kept informed of industry trends through speakers, trade publications, and field trips to local*

*industries and culinary shows. A certificate of completion is awarded after completion of the program.*

### **SOUTHERN CALIFORNIA SCHOOL OF CULINARY ARTS**

1416 El Centro St.  
 South Pasadena, CA 91030      Director: Christopher Becker  
 Tel: 626-403-8490  
 Fax: 626-403-8494  
 Web site: <http://www.scsca.com>

*SCSCA is a private, post secondary educational institution combining theory and hands-on training to prepare students for a career in the hospitality and culinary industries. Approved by the State of California and accredited by the Accrediting Council for Independent Colleges and Schools, SCSCA offers diploma programs in Professional Culinary Arts, Advanced Baking and Pastries, and Advanced Cooking. These training programs include extensive lab classes, academic classes, and an externship where students can apply their skills at an approved facility.*

### **ST. JOSEPH CENTER**

#### **Food Service Job Training Program**

663 Rose Ave.      Program Coord: Thomasine Howlett  
 Venice, CA 90291  
 Tel: 310-450-9095  
 Web site: <http://www.stjosephctr.org>

*The Culinary Training Program is ten weeks long: six weeks are spent at the St. Joseph center facility, and four weeks are spent in an internship in the culinary department of a local hospital. The program is based on UCLA Extension's program in Culinary Arts. Students receive hands-on training in food preparation, food handling, service, safety and sanitation. Upon graduation, students receive a certificate of training and eligible for ongoing placement assistance.*

### **THE ART INSTITUTE OF LOS ANGELES**

#### **Culinary Arts**

2900 31<sup>st</sup> Street  
 Santa Monica, CA 90405  
 Tel: 310-752-4700  
 Fax: 310-752-4708

Web site: <http://www2.aila.artinstitutes.edu>

*The Institute offers an A.S. degree in Culinary Arts. The objective of this program is to help the student attain a fundamental grounding in culinary arts, including an introduction to the theory and practice of hospitality, baking & pastry, catering, the a la carte kitchen, wine & spirits, purchasing, cost control, and externship.*

### **Associations**

#### **KOREAN AMERICAN GROCER'S ASSOCIATION OF CALIFORNIA (KAGRO)**

3250 Wilshire Blvd., Suite 680706  
 Los Angeles, CA 90010  
 Tel: 213-388-1891  
 Fax: 213-388-2489  
 E-mail: [foundation@kagro.org](mailto:foundation@kagro.org)  
 Web site: <http://www.kagro.org/history.htm>

*KAGRO is a non-profit, mutual-benefit association created to serve the interests of Korean-American grocery and liquor business owners and the communities they serve. The main purpose of KAGRO is to assist Korean-American retailers in adapting to American culture, lifestyles, and business. The Association also functions as a catalyst to further the mutually beneficial relationship between Korean-American retailers and their vendors/suppliers.*

#### **LOS ANGELES COUNTY FARM BUREAU**

1006 W. Lancaster Blvd..  
 Lancaster, CA 93534  
 Tel: 661-948-6571  
 Fax: 661-949-3251  
 E-mail: [info@lacfb.org](mailto:info@lacfb.org)  
 Web site: <http://lacfb.org>

*The Los Angeles County Farm Bureau is a member of California Farm Bureau Federation, a statewide organization of farmers and ranchers with 53 member county Farm Bureau organizations covering 56 California counties.*

**MEXICAN AMERICAN GROCER'S ASSOCIATION**

405 N. San Fernando Rd.

Los Angeles, CA 90031

Tel: 323-227-1565

Fax: 323-227-6935

E-mail: [execoffice@maga.org](mailto:execoffice@maga.org)

Web site: <http://www.maga.org>

*The Mexican American Grocer's Association represents approximately 10,000 food storeowners that do business in the Hispanic community throughout the United States. It also has an annual awards banquet to honor companies who have made large contributions to the community. The Association also has a scholarship foundation for Hispanic college students studying in the business field.*

**SMALL MANUFACTURERS ASSOCIATION OF CALIFORNIA (SMA)**

1603 Don Carlos Ave.

Glendale, CA 91208

Tel: 818-242-7658

Fax: 818-240-5441

Web site: <http://www.smac.org>

*SMA represents approximately 800 small- and medium-sized manufacturing companies' throughout California. SMA provides advocacy and other benefits for its members, which is primarily made up of durable goods manufacturers.*

**CALIFORNIA RESTAURANT ASSOCIATION**

9620 Center Ave., Ste. 100

Rancho Cucamonga, CA 91730

Tel: 909-987-6111

Fax: 909-987-8874

CRA Headquarters

1011 10th Street

Sacramento, CA 95814

Tel: (916) 447-5793

Fax: (916) 447-6182

Web site: <http://www.calrest.org>

*The California Restaurant Association assists businesses in the food-service industry with a Government Affairs staff that pushes legislative agenda and lobbies legislators and the administration in an effort to promote the restaurant industry. The California Restaurant Association Educational Foundation (CRAEF) is the educational arm of the CRA and offers the ProStart school-to-career program that helps California high schools prepare young people for careers in culinary arts and foodservice management.*

**Special Support****AGRICULTURAL COUNCIL OF CALIFORNIA**

1225 H Street

Sacramento, CA 95814

Tel: 916-443-4887

Fax: 916-443-0601

Web site: <http://www.agcouncil.org>

*The Agricultural Council stands as the only state organization devoted to protecting and promoting agricultural cooperatives.*

**CALIFORNIA DEPARTMENT OF FOOD AND AGRICULTURE  
Marketing Branch**

1220 N Street

Sacramento, CA 95814

Tel: 916-341-6005

Fax: 916-341-6826

Web site: <http://www.cdfa.ca.gov/mkt/mkt/ordslaws.html>

*The purpose of marketing programs is to provide agricultural producers and handlers an organizational structure, operating under government sanction, that allows them to solve production and marketing problems collectively that they could not address individually. Current marketing programs' activities include commodity promotion, research, and maintenance of quality standards. Some of the programs carry out all three authorized activities while others carry out only one or two, depending on the needs of each respective industry. None involve volume control and cooperative price establishment (which is specifically prohibited by law).*



*These organizations provide a structure for solving problems and also provide a vehicle for collecting funds to support activities.*

**FOOD INDUSTRY BUSINESS ROUNDTABLE (FIBR)**

520 West 23<sup>rd</sup> St.  
Los Angeles, CA 90007  
Tel: 213-763-2520 ext. 226  
Fax: 213-763-2729  
E-mail: [info@fibr.com](mailto:info@fibr.com)  
Web site: <http://www.fibr.com>

*FIBR was created to promote and sustain the growth and viability of the ethnic-specialty food processing industry in the greater Los Angeles area. Membership is open to companies which have a substantial portion of their manufacturing in ethnic-specialty food products or who are involved in purchasing/ selling products or services from ethnic-specialty food product manufacturers, and to not-for-profit organizations, government agencies, or individuals having an interest in furthering the purposes of FIBR.*

**SOUTHERN CALIFORNIA GAS COMPANY ENERGY RESOURCE CENTER**

**Food Service Equipment Connection**

9240 E. Firestone Blvd.  
Downey, CA 90241-5388  
Tel: 562-803-7500  
Fax: 562-803-7551  
Web site: <http://www.socalgas.com/erc>

*The Southern California Gas Company Energy Resource Center Food Service Equipment Connection was created to assist commercial and industrial companies. It has since expanded to aid restaurants and institutions in becoming more energy efficient in their food preparation. It is a one-stop center for information on energy efficiency and environmentally friendly energy usage.*

*This unique facility provides food service professionals looking for new or replacement kitchen equipment a venue for trying, without charge, any of its 1440 pieces of gas-fired energy efficient commercial kitchen equipment. Restaurant owners, chefs, caterers, culinary students, and cooks at all levels attend seminars, equipment demonstrations and workshops in the*

*center's main test and demonstration kitchen and new, one-of-a kind ventilation and Baking Lab. It is a one-stop center for information on energy efficiency and environmentally friendly energy usage.*

**EDISON TECHNOLOGY SOLUTIONS RESOURCE CENTER (ETSRC)**

**Agricultural Technology Center (ATC)**

6090 N. Irwindale Ave.  
Irwindale, CA 91702  
Tel: 626-302-1212

*ETSRC is an unregulated affiliate of Edison International, which is the parent company of Southern California Edison. ETSRC was created to develop and commercialize products for electricity. The ATC was created to find ways to use energy more efficiently in processes such as irrigation.*

**SOUTH PARK STAKEHOLDERS GROUP**

**Food Products Incubator**

900 Wilshire Blvd. # 624  
Los Angeles, CA 90017  
Tel: 213-612-3612  
Fax: 213-612-3616  
E-mail: [info@southpark-la.org](mailto:info@southpark-la.org)  
Web site: <http://www.southpark-la.org>

*This facility will offer kitchen facilities as well as on-site consulting services for start-up food product manufacturers.*

## **Furniture & Home Furnishings**

### **Design / Manufacturing / Distribution**

*Employment (4/'01): 43,726*

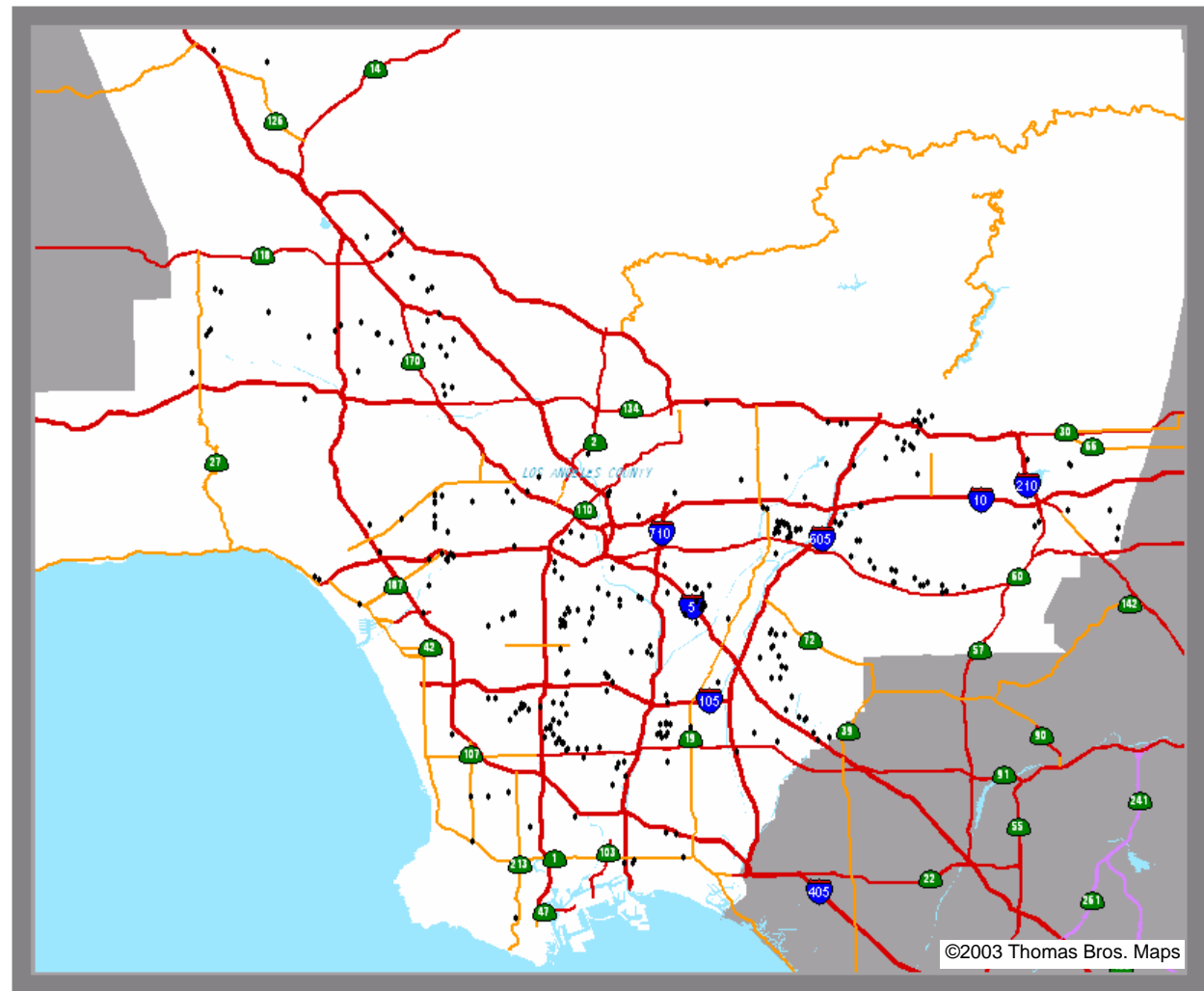
*Number of Establishments (3/'00): 1,927*

*Shipments/Receipts (1997): \$7.6 Billion*

*NAICS Codes: 3371, 3372, 3379, 42121, 42122*

Los Angeles County has a wide range of furniture designers and manufacturers supplying a worldwide market of residential developers, hospitality, and healthcare industries. The Furniture and Home Furnishings industry employ more than 39,000 workers in the County.

Five trade associations and special support, and fourteen local training programs, including Pasadena' Art Center, have placed L.A. at the forefront of design development for this industry. One of the region's most famous fixtures is the Pacific Design Center in West Hollywood, a leading source for fine and contemporary contract and residential architectural products. The Design Center annually sponsors WESTWEEK, a furniture and interior design trade show that attracts visitors from across the globe.



## **Education**

### **ART CENTER COLLEGE OF DESIGN**

#### **Environmental Design**

1700 Lida St. Dept. Chair: Patricia Oliver  
Pasadena, CA 91103-1999  
Tel: 626-396-2373  
Fax: 626-795-0578  
Web site: <http://www.artcenter.edu>

*The Art Center College of Design offers an eight-semester degree program in environmental design where students may specialize in furniture design. The Art Center College of Design also offers part-time courses to help individuals assemble a portfolio. The programs seek to provide a solid grounding in professional disciplines while nurturing the creativity and leadership of students through collaborations with working professionals and major companies*

### **BROOKS COLLEGE**

#### **Interior Design**

4825 E. Pacific Coast Hwy. Dept. Chair: Profull Gupta  
Long Beach, CA 90804  
Tel: 800-421-3775  
Web site: <http://www.brookscollege.edu>

*The mission of the Interior Design Department is to provide academic and specialized practical instruction to prepare students for entry-level positions in the interior design industry. The curriculum is accredited by the Foundation for Interior Design Education Research (FIDER). Graduates of the A.S. degree program are qualified to assist clients with the selection and arrangement of interior furnishings, materials, and space planning.*

### **CALIFORNIA STATE UNIVERSITY, LONG BEACH (CSULB)**

#### **Department of Design**

1250 Bellflower Blvd. Interim Chair: Patricia Clark  
Long Beach, CA 90840  
Tel: 562-985-5089  
Fax: 562-985-2284  
Web site: <http://www.csulb.edu>

*Cal State Long Beach offers a variety of furniture design and manufacturing programs including industrial design, interior architecture, and graphic design. Students are awarded a bachelor's degree upon the completion of the program.*

### **CALIFORNIA STATE UNIVERSITY, LOS ANGELES (CSULA)**

#### **Interior Design**

Department of Art Dept. Chair: Joseph E. Soldate  
5151 State University Dr.  
Los Angeles, CA 90032  
Tel: 323-343-4010  
Fax: 323-343-4045  
Web site: <http://www.calstatela.edu/dept/art>

*The Department of Art offers a credit certificate program in Interior Design, intended to prepare individuals for careers in all phases of interior design. Course work includes theoretical, technical, and conceptual experiences leading to portfolio development and career placement.*

### **CERRITOS COLLEGE**

#### **Furniture Manufacturing Technology**

11110 Alondra Blvd. Dept. Chair: Robert Colgan  
Norwalk, CA 90650  
Tel: 562-860-2451 x2986  
Web site: <http://www.cerritos.edu/wood>

*The Furniture Manufacturing Technology Department comprises courses on state-of-the-art 32MM system cabinetmaking equipment as well as traditional woodworking machinery and hand tools. Certificate programs are designed to give students a complete background as well as the most current understanding of technology as it is applied to their area of choice. Classroom theory is combined with hands-on woodworking experience. The Department is the recipient of the Woodworking Machine Industry Association's (WMIA) Educator of the Year Award 2000.*

### **COLLEGE OF THE CANYONS**

#### **Interior Design**

26455 Rockwell Canyon Rd. Program Coord: Dorothy Minarsch  
Santa Clarita, CA 91355  
Tel: 661-259-7800 x3989  
Web site: <http://www.coc.cc.ca.us>

*The Interior Design department offers a certificate and Associate degree program. Some of the classes offered are visualization & illustration, interior materials and products, architectural drafting, space planning, and fundamentals of interior design.*

**FASHION INSTITUTE OF DESIGN AND MERCHANDISING (FIDM)**

**Interior Design**

919 S. Grand Ave.  
Los Angeles, CA 90015  
Tel: 213-624-1201  
Fax: 213-624-4799  
Web site: <http://www.fidm.com>

*FIDM offers a comprehensive education in Interior Design that goes way beyond surface decoration and focuses on solving both functional and design problems. The program is accredited by FIDER (Foundation for Interior Design Education and Research) and has an annual scholarship sponsored by the ASID (American Society of Interior Designers). An Associate of Arts degree is awarded upon completion of the program and students can look for a possible career as interior designer, space planner, project manager, architectural renderer, or freelance designer.*

**LONG BEACH CITY COLLEGE**

**Interior Design**

4901 E. Carson St. Dept. Chair: Debra Schaefer  
Long Beach, CA 90808  
Tel: 562-938-4336  
Dschaef@lbcc.edu  
Web site: <http://www.lbcc.cc.ca.us>

*The interior design program prepares students for employment in Interior Design, the Home Furnishings Industry, and related fields. An Associate in Arts degree or certificate is awarded upon completion of the program.*

**LOS ANGELES MISSION COLLEGE**

**Interior Design**

13356 Eldridge Ave. Dept. Chair: Alex Yguado  
Sylmar, CA 91342  
Tel: 818-364-7893  
Fax: 818-364-7755

Web site: <http://www.lamission.cc.ca.us>

*The Interior Design certificate program will help students qualify for state certification. The college offers a certificate or A.A. degree program. Some of the classes offered are textiles, space planning, lighting, Interiors management, and 2-D & 3-D CADD.*

**LOS ANGELES TRADE TECHNICAL COLLEGE**

**Digital Design Certificate**

400 West Washington Blvd.  
Building "D" 330 Program Coord.: Marcela Oliva  
Los Angeles, CA 90015 No. of Students: 20  
Tel: 213-763-7000  
TDD: 213 763-5375  
Fax: 213-763-5393  
Web Site: <http://www.lattc.cc.ca.us>

*The Digital Design Certificate program is currently new at the L.A. Trade-Technical College. It is for students who are interested in the fields of Architecture, Industrial Design, Toy Design, Furniture Design, Interior Design, Landscape Architecture, Interface Design, Virtual Reality Environment, and Set Design. The basic skills students developed are 3D Prototype, Visualization, Conceptualization, Lighting, Sketching, and Modeling. The technology skills are Spatial Modeling, Web-Browser, Computer-Aided Design. Applications used in the program are 3D Studio, Microstation Modeler, Access, and Triforma.*

**MT. SAN ANTONIO COLLEGE**

**Interior Design**

1100 N. Grand Ave. Program Coord: Karlene Morris  
Walnut, CA 91789  
Tel: 909-594-5611 x3912 Web site: <http://www.mtsac.edu>

*The program is available as a certificate (Interiors Merchandising), as an A.S. Degree (Interior Design Assistant) and/or when combined with a Bachelor's Degree qualifies student for Professional Designation in Interior Design. Classes include interior materials and products, space planning, internship programs and seminars.*

**OTIS COLLEGE OF ART AND DESIGN**

**Environmental Design**

9045 Lincoln Blvd.                      Dept. Chair: Linda Pollari  
Los Angeles, CA 90045  
Tel: 310-665-6800  
Fax: 310-665-6821  
Web site: <http://www.otisart.edu>

*The Environmental Design curriculum offers courses in four areas: Studio, Technologies & Ecologies, Digital Media, and History & Theory. The Department seeks to contribute to the emergence of imaginative practices informed by the complexities of contemporary, metropolitan culture. A B.F.A. degree is awarded upon completion of the program.*

**SANTA MONICA COLLEGE**

**Interior Architectural Design**

1900 Pico Blvd.                      Dept. Chair: Bill Lancaster  
Santa Monica, CA 90405              No. of Students: 300  
Tel: 310-434-3733  
Web site: <http://www.smc.edu>

*Santa Monica College has a three-level, three-year program that is part of a six-college regional consortium with advanced studio class. A bachelor's degree in interior design is offered through partnership with California State University, Dominguez Hills. Students can receive certificates in Interior Merchandise, Interior Design Pre-Professional, and Interior Design Professional from Santa Monica College. The school also offers professional certificates in Furniture Design, Set Design and Art Direction for Television.*

**UNIVERSITY OF CALIFORNIA, LOS ANGELES (UCLA)  
EXTENSION**

**Interior & Environmental Design Program**

10995 Le Conte Ave., Rm. 414  
Westwood, CA 90024              Program Coordinator: Alexis Slafer  
Tel: 310-825-9061                      No. of Students: 435  
Fax: 310-206-7382  
Web site: <http://www.unex.ucla.edu>

*The program concentrates mostly on interior design and architecture; however, there are classes in furniture design. The Interior and*

*Environmental design program is accredited by the Foundation for Interior Design Education Research while the Landscape Architecture program is certified by the California State Board of Landscape Architects as providing the requirements for professional licensure.*

**WOODBURY UNIVERSITY**

**Interior Architecture**

7500 Glenoaks Blvd.                      Dept. Chair: Linda Pollari  
Burbank, CA 91510  
Tel: 818-767-0888 x344  
Web site: [http://www.woodbury.edu/programs/interior\\_architecture](http://www.woodbury.edu/programs/interior_architecture)

*The Interior Architecture Department is committed to engaging contemporary culture and technology and to exploring new ways of generating and actualizing design propositions through varied digital and physical media. This goal is pursued through a studio-intensive curriculum with a focus on contemporary spatial environments. The program is accredited by FIDER (The Foundation for Interior Design Education Research) and a B.S. degree is obtained upon completion of the program.*

**Associations & Support**

**AMERICAN SOCIETY OF INTERIOR DESIGNERS (ASID)**

California Los Angeles Chapter  
8687 Melrose Ave.  
Blue Mezzanine 52 B  
West Hollywood, CA 90069  
Tel: 310-659-8998  
E-mail: [asidla@aol.com](mailto:asidla@aol.com)  
Web site: <http://www.asidla.org>

*ASID is the definitive resource for professional education and knowledge sharing, advocacy of interior designer's right to practice, and expansion of interior design markets. The Los Angeles Chapter mission is to create business and educational opportunities for its members and to demonstrate the value of ASID Designers to the public.*

**CALIFORNIA FURNITURE MANUFACTURERS ASSOCIATION  
(CFMA)**

1240 N. Jefferson St., Suite G  
Anaheim, CA 92807  
Tel: 714-632-6800  
Fax: 714-632-5405  
Web site: <http://www.cfma.com>

*CFMA has served the furniture industry throughout California since 1911. Its purpose is to educate, promote, and protect the interests of furniture manufacturers of California. Services include: newsletter, free listing on the internet, group insurance plans, law labels, unemployment compensation cost management, political advocate, and seminars.*

**INTERNATIONAL INTERIOR DESIGN ASSOCIATION**

Southern California Chapter  
1933 S. Broadway Blvd., Suite 1130  
Los Angeles, CA 90007-1130  
Tel: 213-747-2391  
Fax: 213-747-2394  
Web site: <http://www.iida-socal.org>

*The International Interior Design Association, a nonprofit networking association, supports its members through continuing education and legislative advocacy. The IIDA's mission is to enhance the quality of life through excellence in interior design and to advance interior design through knowledge. It also has created an annual awards banquet to honor companies that have made significant contributions to the interior design industry, an annual product design award program, and an annual student scholarship program.*

**PACIFIC DESIGN CENTER**

8687 Melrose Ave.  
West Hollywood, CA 90069  
Tel: 310-657-0800  
Fax: 310-652-8576  
Web site: <http://www.pacificdesigncenter.com>

*At 1.4 million square feet, Pacific Design Center is the largest resource on the West Coast for traditional and contemporary furnishings for the home and office. Over 150 showrooms feature an exclusive selection of furniture, fabrics, floor coverings, lighting, wall coverings, art, kitchen and bath products, decorative accessories and European and Asian antiques. The Center also sponsors the annual West Week Show.*

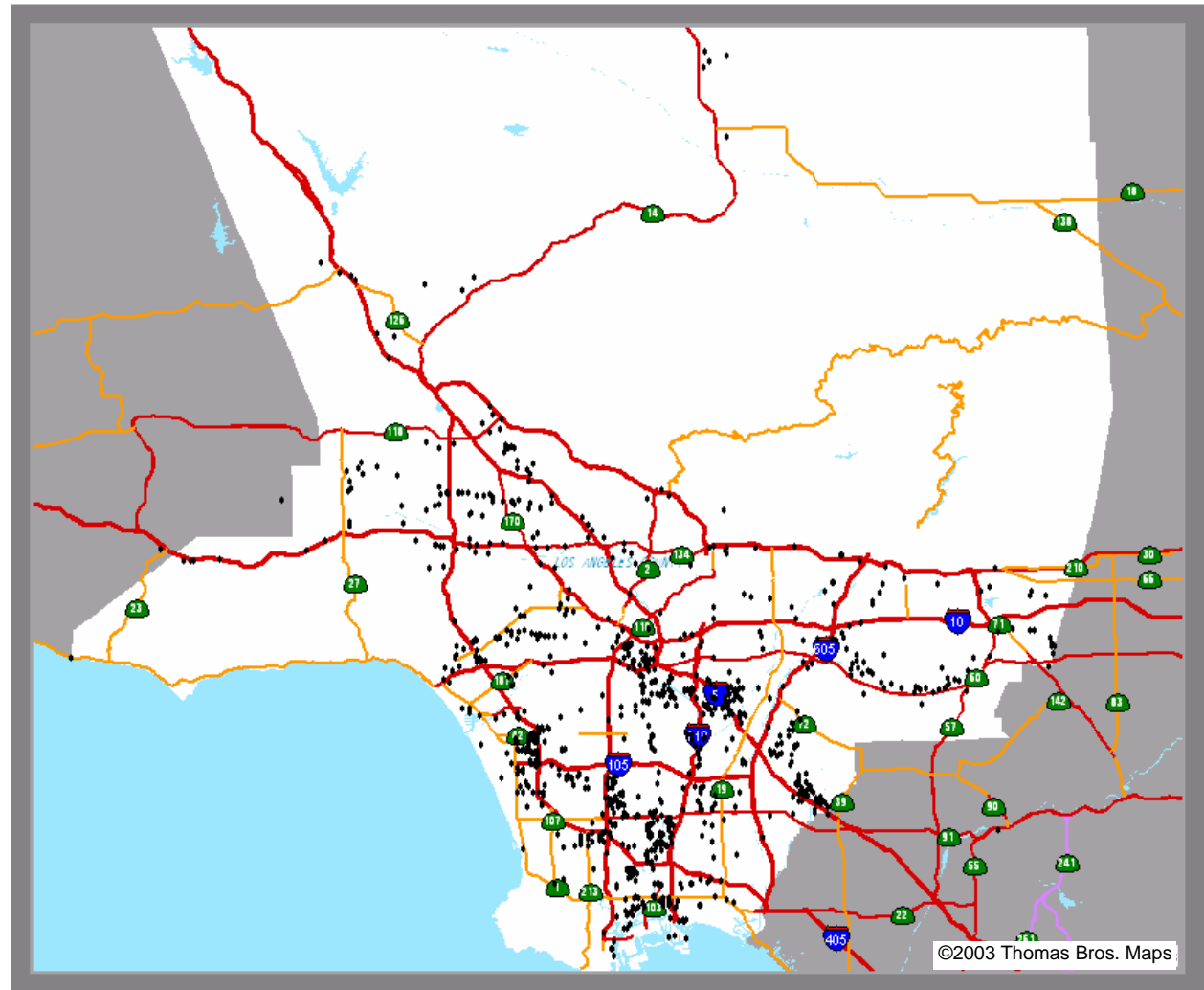
**THE CALIFORNIA MARKET CENTER**

110 E. 9<sup>th</sup> St.  
Los Angeles, CA 90079  
Tel: 213-630-3600  
Fax: 213-630-3708      Web site: <http://www.californiamarketcenter.com>

*The California Market Center, formerly the California Mart, is the newest marketplace for fashion, gift & home. This premier wholesale facility on the west coast has a 35 year history of leadership as the center of the industry for fashion and textiles. As retailing has evolved into a more lifestyle oriented approach-featuring products across multiple categories-this wholesale marketplace is the first in the country to reflect the change by offering a wider array of goods (1,000 showrooms with nearly 10,000 product lines) to the retailers who shop here from all 50 states and 30 countries. Open year-round, the CMC hosts five major fashion weeks, four gift & home markets, two textile markets, and 20+ specialty markets throughout the year.*

*NAICS Codes: 481112, 481212, 48212, 483111, 483113, 483211, 4841, 4842, 4883, 48851, 493, 541614*

Los Angeles International Airport (LAX) is an equally critical piece of the global connections infrastructure. It is the fourth busiest airport in the world, with more than 56.2 million passengers and more than 2 million tons of air cargo shipments in 2003.



## Education

### **CALIFORNIA LUTHERAN UNIVERSITY**

#### **International Business MBA**

60 W. Olsen Road Director: Ronald E. Hagler

Thousand Oaks, CA 91360

Tel: 805-493-2411 x3371

Web site:

<http://www.clunet.edu/Admission/Graduate/SchoolBusiness/MBA/ProfessionalTracks/internationalbus.html>

*CLU's International Business Track prepares managers to interact with other countries, cultures, belief and business systems. Students will acquire an increased awareness of the economic, legal, political, ethical, and sociocultural environments that influence organizational decision making and strategic planning. Researches on particular international business issues are conducted within a sophisticated learning resources atmosphere to enhance students understanding of global management theory and practice.*

### **CALIFORNIA STATE POLYTECHNIC UNIVERSITY (Cal Poly), POMONA**

#### **International Business and Marketing Department**

3801 W. Temple Ave. Dept. Chair: Vernon Stauble

Pomona, CA 91768 No. of Students: 200

Tel: 909-869-2400 x2436

Web site: <http://www.csupomona.edu/~bus>

*The IBM Department aims to prepare its students for life in a changing global economy by developing their communication, analytical, team building, and problem solving skills. The program is uniquely designed so that students can specialize in one of the following career tracks: promotion/advertising/direct marketing, international sales, industrial sales, and distribution/logistics.*

### **CALIFORNIA STATE UNIVERSITY, LONG BEACH (CSULB)**

#### **Center for International Trade and Transportation – Global Logistics**

One World Trade Center, Ste. 215 Executive Dir.: Mirianne Venieris

Long Beach, CA 90831-0215 No. of Students: 200

Tel: 562-499-2160

Fax: 562-499-2163

Web site: <http://www.uces.csulb.edu>

*The Center's mission is to act as a catalyst for training, growth, and competitiveness, and to provide a neutral ground that can be utilized for the development of common policies and the overall enhancement of business resources. Its focus is on intermodal transportation both in terms of training and process development. The Global Logistics Specialist (GLS) program is designed to provide broad based, hands-on training for individuals involved in, or entering any part of the logistics chain. It also now offers an M.A. in Global Logistics.*

### **International Business Department**

CBA 450, 1250 Bellflower Blvd.

Director: Dr. Paul Frantz

Long Beach, CA 90804

Tel: 562-985-5072

Fax: 562-985-5742

Web site: <http://www.csulb.edu/colleges/cba/international>

*The objective of the international business option is to prepare students for the increasingly competitive and interdependent international business world with which they must cope. Students will learn how international business practices and customs differ from those in the U.S. The Department offers a B.S. degree as well as a certificate program.*

### **CALIFORNIA STATE UNIVERSITY, LOS ANGELES (CSULA)**

#### **School of Business and Economics**

5151 State University Dr.

Los Angeles, CA 90032

Dean: G. Timothy Haight

Tel: 323-343-2800

Fax: 323-343-2813

Web site: <http://www.calstatela.edu>

*International business is offered as an option for a Bachelor of Science degree in business administration. The study of international business is concerned with the entire spectrum of business activities that crosses national boundaries: accounting, economics, management, marketing, and finance.*



**CSULA EXTENDED EDUCATION****International Business Certificate**

5151 State University Dr. Director: Dr. M. David Oh  
 Los Angeles, CA 90032  
 Tel: 323-343-2967  
 Fax: 323-343-4954  
 Web site: <http://www.calstatela.edu/exed/certificate/interbus.htm>

*The certificate program is sponsored jointly by Extended Education and the World Trade Education Center of the School of Business and Economics. It prepares students for entry-level business and non-business students for employment in international business. It also prepares mid-career traditional students for career advancement in international business. Employment opportunities include: Import/Export firms, multinational corporations, international transportation companies, and government agencies.*

**CALIFORNIA STATE UNIVERSITY, NORTHRIDGE (CSUN)****International Business**

College of Business Administration and Economics  
 18111 Nordhoff St. Assoc. Dean: William W. Roberts  
 Northridge, CA 91330  
 Tel: 818-677-2466  
 Fax: 818-677-4903 Web site: <http://www.csun.edu/busadean>

*The B.S. Degree in Business Administration with an option in International Business is designed to prepare students for a variety of positions in the exciting and dynamic field of international business. In order to give students a balanced education in this field, they are required to be proficient in at least one foreign language, and to take a variety of elective courses. In addition, students are required to complete an international internship abroad.*

**Logistics Management Certificate**

College of Extended Learning  
 Tel: 818-677-2786 Dean: Joyce A. Feucht-Haviar  
 Web site: <http://www.csun.edu/exl>

*The Certificate in Logistics Management is a comprehensive overview of the industry and covers the basic knowledge and vocabulary of the field.*

*The curriculum includes warehousing, inventory management, industrial distribution, current software on the market and a study of transportation methodologies and operations principles. Through lecture, discussion, homework and field observation, participants will be exposed to practical problem-oriented logistics management issues and the application of logistics practices and emerging technology to industry activities.*

**CLAREMONT MCKENNA COLLEGE****International Relations**

500 E. Ninth St. Contact: Dr. Hilary Appel  
 Claremont, CA 91711  
 Tel: 909-607-1491  
 Web site: <http://www.mckenna.edu>

*The International Relations program is an interdisciplinary program designed for students preparing for graduate work or careers with an international focus, whether in government, business, the professions, such as law, teaching, journalism, or in other areas, such as private foundations or international organizations.*

**The Keck Center for International and Strategic Studies**

*The Keck Center for International and Strategic Studies supports the study of critical issues in world affairs at CMC, sponsoring lecture series, fellowships, visiting scholars, research associates, conferences, publication of research monographs, and student internships. It also has a library with special emphasis on international strategic studies and Asian and Pacific developments.*

**EAST LOS ANGELES COLLEGE****International Trade**

1301 Avenida Cesar Chavez Dept. Chair: Faramarz Larizadeh  
 Monterey Park, CA 91754  
 Tel: 323-265-8844  
 Web site: <http://www.elac.cc.ca.us>

*The Certificate Program in International Trade stresses those skills most sought by today's employers in international commerce. The field of international trade provides career opportunities for persons with specialized skills in import and export documentation, banking, sales*

*marketing, air-sea truck transportation, and the principals of foreign trade business management.*

### **GLENDALE COMMUNITY COLLEGE**

#### **International Business Specialist**

1500 N. Verdugo Rd.

Glendale, CA 91208

Tel: 818-240-1000

Fax: 818-549-9436

Web site: <http://www.glendale.cc.ca.us>

*The International Business Specialist Certificate presents the business concepts necessary to compete in the international global marketplace. It prepares students to import, export, and/or establish an overseas business presence. This program is designed for both the individual entrepreneur and the established company executive.*

### **LONG BEACH CITY COLLEGE**

#### **International Business**

4901 E. Carson St.

Program Coord: Karen Faulkner

Long Beach, CA 90808

Tel: 562-938-4629

Kfaulkner@lbcc.edu

Web site: <http://www.lbcc.cc.ca.us>

*The International Business program prepares students for entry-level positions in a wide range of international business as well as entrepreneurial opportunities. Students learn both theoretical knowledge and practical skills in the wide-ranging field of international business. The Department offers a certificate in International Business Operations and an A.A. degree.*

### **LOS ANGELES CITY COLLEGE**

#### **International Business**

855 N. Vermont Ave.

Dept. Chair: Luther Guynes

Los Angeles, CA 90029

Tel: 323-953-4000 x2541

Web site: <http://www.lacc.cc.ca.us>

E-mail: [guyneslc@lacitycollege.edu](mailto:guyneslc@lacitycollege.edu)

*The International Business curriculum is designed for students who are interested in a well-rounded International Business education. Upon successful completion of this program, the student will have an extensive background in the principles and practices of the international business world. Students may earn a Certificate or Associate in Arts degree.*

### **Transportation**

Dept. Chair: Helen Hayes

Tel: 323-953-4228

*The Transportation curriculum is designed to prepare students for employment with airlines, railroads, steamship lines, highway carriers, car rental companies, travel agencies, freight agencies and terminals, or with industrial or commercial companies that have traffic departments. This career program provides a broad base of subjects pertaining to the tourist and trade areas of the world, passenger-traffic and freight-traffic procedures, and travel industry management.*

### **LOYOLA MARYMOUNT UNIVERSITY (LMU)**

#### **International Managers – MBA**

7900 Loyola Blvd.

Director: Rachelle Katz

Los Angeles, CA 90045

Tel: 310-338-5322

Web site: <http://www.lmu.edu>

*The MBA for International Managers offers an accelerated MBA program curriculum designed specifically for managers from Asian countries. Its combination of select faculty and international focus provides students with comprehensive global business perspectives. Students will develop an understanding of all business disciplines: management, marketing, human resources, accounting, finance, production, information systems and international business.*

### **MT. SAINT MARY'S COLLEGE**

#### **International Business**

Chalon Campus

Doheny Campus

12001 Chalon Rd.

10 Chester Place

Los Angeles, CA 90049

Los Angeles, CA 90007

Tel: 310-954-4155

Tel: 213-477-2540

Web site: <http://www.msmc.la.edu>

*The Bachelor of Arts program in Business Administration with an emphasis in International Business prepares students for the many opportunities available in the fields of international management, international finance and government service. The program is designed for individuals with an interest in business on a global scale. The program concentrates on the social, political, and economic aspects of the international marketplace.*

### **MT. SAN ANTONIO COLLEGE**

#### **International Business**

1100 N. Grand Ave.  
Walnut, CA 91789  
Tel: 909-594-5611 x4904  
Web site: <http://www.mtsac.edu>

Dept. Chair: Bob Farris

*The Associate in Science degree in International Business prepares students for employment in the global economy. Courses include: international business law, principles of exporting and importing, business organization and management, and marketing.*

### **PASADENA CITY COLLEGE**

#### **International Business/Trade**

Business Management Department  
1570 E. Colorado Blvd.  
Pasadena, CA 91106  
Tel: 626-585-7341  
Web site: <http://www.paccd.cc.ca.us>

Dean: Don Paxton

*The Certificate program prepares students for competing in the international global marketplace. Emphasis is on importing, exporting, and establishing an overseas business presence. This program is designed for the individual international entrepreneur, as well as the established company executive.*

### **PEPPERDINE UNIVERSITY**

#### **The Graziadio School of Business and Management**

24255 Pacific Coast Hwy.  
Malibu, CA 90263  
Tel: 310-456-4858  
Fax: 310-456-4876  
Web site: <http://bschool.pepperdine.edu>

Dean: Linda A. Livingstone  
No. of Students: 315

*Pepperdine University is committed to the highest standards of excellence, where students are strengthened for lives of purpose, service, and leadership. The university offers a two-year Master of International Business program. During the first year, students study business and foreign language at the university. In the second year, students travel to countries abroad such as Mexico, France, and Germany to conduct further studies and a full time internship at a corporation abroad.*

### **UNIVERSITY OF CALIFORNIA, LOS ANGELES (UCLA)**

#### **Center for International Business Education and Research (CIBER)**

The Anderson School at UCLA

110 Westwood Plaza, Ste. B307

Los Angeles, CA 90095

Tel: 310-206-5317

Fax: 310-825-8098

Web site: <http://www.anderson.ucla.edu/research/ciber>

Director: Bhagwan Chodlhry

No. of Students: 660

2002-2003 graduates: 120

*UCLA's Center for International Business Education and Research (CIBER) is one of 30 federally funded CIBERs. It coordinates a variety of academic, researches, and outreach activities focused on increasing the understanding of and skills in international business at the Anderson School and throughout the Los Angeles region. Its International Management Fellows program prepares MBA students for success in the global economy, providing language instruction, cultural training and overseas internships.*

### **UNIVERSITY OF CALIFORNIA, LOS ANGELES (UCLA)**

#### **EXTENSION**

#### **Department of Business and Management**

10995 Le Conte Ave., Ste. 515

Los Angeles CA 90024

Tel: 310-825-7031

Fax: 310-206-7249

Web site: <http://www.unex.ucla.edu>

Director: Karim Cheris

No. of Students: 3,427

*The 12-course Professional Designation in International Trade and Commerce certificate program provides students with a solid understanding of the core functional areas in international business as well as specific knowledge of trade, economics, and cultural and political forces dominating the world marketplace.*

**UNIVERSITY OF LA VERNE****International Business and Language**

School of Business and Global Studies

1950 3<sup>rd</sup> Street

Program Chair: Jack McElwee

La Verne, CA 91750

Tel: 909-593-3511 x4205

Web site: <http://www.ulaverne.edu/catalog/programs/sbgs>

*The goals of this program are to increase students' ability to communicate with people of other cultures in a business context, to provide language students with career opportunities in international business, to enable business students to function more efficiently in a cross-cultural environment. A Bachelor in Science degree is awarded upon completion of the program.*

**UNIVERSITY OF SOUTHERN CALIFORNIA (USC)****Marshall MBA Program**

Marshall School of Business

Popovich Hall, Ste. 200

630 Childs Way

Dean: Dr. Randolph Westerfield

Los Angeles, CA 90089

No. of Students: 1,250

Tel: 213-740-6548

2002-2003 graduates: 280

Fax: 213-740-3822

Web site: <http://www.marshall.usc.edu>

*The Marshall MBA Program is a cross-disciplinary program integrated in content and instruction. The two-year program stresses a generalist orientation to business and encourages practical learning. First-year students are required to study internationally through the school's Pacific Rim Education (PRIME) program. Second-year students may choose to participate in more than 26 international exchange programs with top graduate business programs in Europe, Asia or Central America.*

**International Business Education and Research MBA Program (IBEAR)**

Marshall School of Business, Bridge Hall 101

University of Southern California

Los Angeles, CA 90089-0804

Director: Dr. Jack Lewis

Tel: 213-740-7140

No. of Students: 61

Fax: 213-740-7559

2002-2003 graduates: 66

Web site: <http://www.ibear.com>

*The IBEAR (International Business Education and Research) Program houses the Marshall IBEAR MBA Program and IBEAR Executive Programs. IBEAR Executive Programs is the leading provider of Pacific Rim focused executive development programs in North America. IBEAR also works with the Marshall School's federally funded Center for International Business Education and Research (CIBEAR) to promote the internationalization of the School's programs and research.*

*The IBEAR MBA Program is:*

- *A 12-month, full-time program in international management leading to the Marshall Masters of Business Administration degree.*
- *A unique intercultural learning experience emphasizing business in and between Asia, North America, and South America.*
- *Designed for managers who have a minimum of five years of full-time business or government experience.*
- *The only one-year international MBA program in North America that is accredited by the International Association for Management Education.*

**Center for International Business Education and Research (CIBEAR)**

University of Southern California

837 Downey Way, Ste. 224

Director: Dr. Richard Drobnick

Los Angeles, CA 90089-1144

Tel: 213-740-2852

Fax: 213-740-2858

Web site: <http://www.marshall.usc.edu/cibear>

*USC's Marshall School also houses the Center for International Business Education and Research (CIBEAR). It oversees 38 international teaching and research projects, including foreign languages study for MBA students, international internships for MBA students, MBA courses with field study in Asia, faculty international development projects, a visiting international scholars program and 11 international research projects.*

**WHITTIER COLLEGE**

**International Business**

13406 Philadelphia St.

Whittier, CA 90608

Tel: 562-907-4931

Fax: 562-907-4956

Web site: <http://www.whittier.edu>

Dept. Chair: Dr. Haw-Jan Wu

*The International Business program introduces the external environment within which international businesses and global managers operate, examines internal relationships between the parent company and foreign subsidiaries, and discusses the appropriate coordination of functional activities taking place in many parts of the world. The course emphasizes global visions of managers.*

**WOODBURY UNIVERSITY**

**Business & Management – International Business**

7500 Glenoaks Blvd.

Dean: Richard C. King

Burbank, CA 91510

Tel: 818-767-0888 x338

Web site: <http://www.woodbury.edu/programs/business>

*Woodbury University offers a major in Business & Management leading to the Bachelor of Science degree. This major provides foundational core of business education. Courses in the International Business option include International Marketing, World Economic Development, Business in the Pacific Rim, International Management, International Finance, and International Field Experience.*

**Public & Private Assistance**

**Federal/National Assistance**

**AIRFORWARDERS ASSOCIATION**

1600 Duke St., Suite 400

Alexandria, VA 22314

Tel: 703-519-9846

Fax: 703-519-1716

Web site: <http://www.airforwarders.org>

*The Airforwarders Association is a nonprofit organization formed to safeguard and further the interests of airforwarders everywhere. It helps its members maintain and increase market share, improve systems and operating conditions, increase profits, create marketing opportunities, impact legislation that affects the industry, and to provide the highest level of service to forwarding customers.*

**EXPORT-IMPORT BANK OF THE U.S. (EX-IM BANK)**

**Long Beach Regional Office**

One World Trade Center, Ste. 1670

Long Beach, CA 90831

Phone: (562) 980-4580

Fax: (562) 980-4590

Web Site: <http://www.exim.gov>

*The Ex-Im Bank is the government agency responsible for assisting the export financing of U.S. goods and services through a variety of loan, guarantee, and insurance programs.*

*Ex-Im Bank has undertaken a major effort to reach more small business exporters with better financing facilities and services, to increase the value of these facilities and services to the exporting community, and to increase the dollar amount of Ex-Im Bank's authorizations supporting small business exports.*

**JAPAN EXTERNAL TRADE ORGANIZATION (JETRO)**

777 S. Figueroa Street, Suite 4900

Los Angeles, CA 90017

Phone: (213) 624-8855

Fax: (213) 629-8127

Web Site: <http://www.jetrolosangeles.org>

*Established in 1958, JETRO is a non-profit, Japanese government-supported organization dedicated to promoting mutually beneficial trade and economic relationships between Japan and other nations. JETRO is a comprehensive information center for U.S.-Japan business and economic relations and offers American business people a variety of consulting services and other assistance. The focus of JETRO activities in the U.S. is helping American companies develop exports to Japan. Promotion of U.S.-Japan industrial cooperation, technology exchange and direct investment in Japan are also areas of significant activity.*

**WOMEN IN INTERNATIONAL TRADE****WIT Los Angeles Chapter**

P.O. Box 4250

Sunland, CA 91041

Phone: (310) 535-0127

Fax: (818) 353-5976

E-mail: [wit.la@verizon.net](mailto:wit.la@verizon.net)

Web Site: <http://www.wit-la.org>

*Women In International Trade (WIT) is a non-profit organization founded in 1985 by professional women involved in international trade to provide professional and personal enrichment to its members. WIT members are women and men pursuing careers in international fields including import, export, customs brokerage, freight forwarding, transportation, U.S. Customs and the legal, accounting, consulting, and other trade services.*

**U.S. COUNCIL FOR INTERNATIONAL BUSINESS/ROANOKE TRADE**

100 W. Broadway, Suite 100

Long Beach, CA 90802

Phone: (562) 495-9273

Fax: (562) 590-8523

E-mail: [swalsh@roanoketrade.com](mailto:swalsh@roanoketrade.com)

Web Site: <http://www.roanoketrade.com>

*The U.S. Council for International Business acts as the Guaranteeing Association of ATA Carnets in the United States. Roanoke Trade Services was appointed as a national service provider 20 years ago. Roanoke Trade Services, Inc., an international insurance broker who has specialized in marine insurance and U.S. Customs Bonds for international shippers since 1935, has eight Carnet service bureaus across the United States.*

**ATA Carnet**

*An international customs document, allowing duty-free customs clearance of temporary exports into over 85 countries and territories. A Carnet helps reduce costs to exporters, eliminates value-added taxes (VAT), duties, and the posting of security normally required at the time of importation, and simplifies customs procedures. Exporters, freight forwarders or business travelers may purchase an ATA Carnet at a one-time predetermined cost, before the shipment or departure takes place, and in U.S. Currency. This single document acts as U.S. registration and enables duty and tax-free entry into as many ATA Carnet accepting countries as needed within a one-year period. ([www.carnetsonline.com](http://www.carnetsonline.com))*

**U.S. DEPARTMENT OF COMMERCE****Southern California U.S. Export Assistance Center**

Web Site: [www.buyusa.gov/socal](http://www.buyusa.gov/socal)

**Downtown Los Angeles**

350 S. Figueroa St., Suite 509

Los Angeles, CA 90071

Tel: 213-894-4231

Fax: 213-894-8789

**West Los Angeles**

11150 W. Olympic Blvd., Suite 975

Los Angeles, CA 90064

Tel: 310-235-7206

Fax: 310-235-7220

*The Southern California U.S. Export Assistance Centers conveniently located in Downtown Los Angeles, Newport Beach, Ontario, San Diego, West Los Angeles and Ventura are committed to assisting local firms in*

*realizing their export potential by providing expert counseling and advice, information on markets abroad, international contacts, and advocacy services. These offices are part of an international network consisting of 105 U.S. Export Assistance Centers across the country and 165 offices in 82 countries. Our domestic and international offices are directly linked through a worldwide communications and information network which offers a unique and valuable service to U.S. exporters. Around the world the 1,800 men and women of the Commercial Service promote and protect U.S. business interests abroad.*

**Bureau of Industry and Security  
Western Regional Office**

3300 Irvine Ave., Suite 345  
Newport Beach, CA 92660  
Phone: (949) 660-0144  
Fax: (949) 660-9347  
Website: <http://www.bis.doc.gov>  
(Serving twelve western states)

*Formerly known as the Bureau of Export Administration, the Bureau of Industry and Security (BIS) serves the public in many areas where industry and national security intersect. One of the core responsibilities is to administer and enforce export controls on dual use items in a manner that advances U.S. national security, foreign policy, and economic interests.*

*Regional Office personnel provide regulatory guidance to the exporting community in one-on-one sessions and in seminars throughout the western United States. These specialists can also assist companies in the development of an Export Management System and to guide them through the export licensing process.*

*In addition, the Bureau of Industry and Security coordinates all of the Department's homeland security activities, leads the federal government's outreach to the private sector regarding critical infrastructure protection and cyber security, and assists U.S. industry in complying with the Chemical Weapons Convention and other international arms agreements. The agency also spearheads the Department of Commerce's efforts in defense trade advocacy and monitors the health of the U.S. defense-industrial base.*

**Trade Adjustment Assistance for Firms (TAAC)  
Western TAAC**

University of Southern California  
3716 South Hope St., Suite 200  
Los Angeles, CA 90007  
Phone: (213) 743-2733  
Fax: (213) 746-8722  
E-mail: [wtaac@usc.edu](mailto:wtaac@usc.edu)  
Web Site: <http://www.usc.edu/org/wtaac/>  
Teresa Simpson, Associate Director

*If your business is being affected by foreign competition, assistance is available through the US Department of Commerce sponsored program located at The University of Southern California's Western Trade Adjustment Assistance Center (TAAC). Western TAAC has a successful track record assisting manufacturing and producing companies that have experienced loss of jobs and sales due to sudden increases in imports. This program provides technical assistance to firms to improve and excel in areas such as marketing, production, product development, distribution, information systems, and exporting to name a few. The company and the federal government generally fund the cost of such assistance equally.*

*Qualifying is free of charge. TAAC staff and professional industry specific consultants provide strategic planning and technical assistance services for a wide variety of projects. To qualify, a firm must have experienced some impact to their business, in the form of lost sales or production as well as employment.*

*The Western TAAC Office serves manufacturers operating in California, Arizona, Nevada, and Hawaii.*

**TRADE INFORMATION CENTER (TIC)**

Phone: (800) USA-TRADE (1-800-872-8723)  
Fax: (202) 482-4473  
Web Site: <http://www.trade.gov/td/tic>

*The Trade Information Center (TIC) is a comprehensive resource for information on all U.S. Federal Government export assistance programs. The Center is operated by the International Trade Administration of the U.S. Department of Commerce for the 20 federal agencies comprising the*

*Trade Promotion Coordinating Committee (TPCC). These agencies are responsible for managing the U.S. Government's export promotion programs and activities.*

### State Assistance

#### **CALIFORNIA COUNCIL FOR INTERNATIONAL TRADE (CCIT)**

442 Post Street, Suite 800  
San Francisco, CA 94102  
Phone 1: (415) 788-4127  
Phone 2: (213) 955-1270 (L.A. Office Voicemail only)  
Fax: (415) 788-5356  
E-mail: [info@ccit.net](mailto:info@ccit.net)  
Web Site: <http://www.ccit.net>

*CCIT is dedicated to promoting international trade policies that will expand two-way trade and investment for its members and for California. CCIT's membership is composed of a diverse group of companies and individuals representing major California industries such as high-technology, retail, manufacturing, financial and professional services, agribusiness and transportation.*

#### **CALIFORNIA TRUCKING ASSOCIATION (CTA)**

3251 Beacon Blvd.  
West Sacramento, CA 95691  
Tel: 916-373-3500  
Fax: 916-373-3639  
Web site: <http://www.caltrux.org>

*California Trucking Association members transport 85 percent of the shipments that travel on California's highways each day. Their membership ranges from the self-employed owner-operator, to the one-person consulting firm, to the large international motor carriers and truck manufacturers and everything in between.*

*Since 1934, CTA has provided membership exclusive benefits that advance the long-term sustainable profitability of their motor carriers and suppliers. Those benefits include legislative and regulatory representation, advocacy, training, education, buying programs, public relations, image enhancement,*

*trade shows, expositions, workshops, networking, and leadership development.*

#### **CALIFORNIA-MEXICO AFFAIRS**

750 B Street, Symphony Towers Ste. 1620  
San Diego, CA 92101  
Phone: (619) 645-2660  
Fax: (619) 645-2821

*The California-Mexico Office fosters favorable economic, educational, and cultural relations with Mexican states bordering the U.S. and serves as the principal point of contact for federal, state and local government representatives on issues involving California-Mexico relations.*

#### **CENTER FOR INTERNATIONAL TRADE DEVELOPMENT (CITD)**

Web Site: <http://www.citd.org>

*CITDs assist small and medium-sized businesses in boosting sales through international trade, export and import. Established by the California Community College System in 1989, the CITDs provide the assistance that helps California businesses become competitive in the international marketplace. Experienced international trade professionals provide individualized one-on-one technical support, and training through individual consulting sessions, workshops and seminars. Additional support is made available through drawing on the resources of the fourteen CITDs throughout California.*

*CITDs provide individualized, one-on-one consulting, at no-charge to the businesses, by experienced international trade personnel.*

*Each CITD and its host California Community College work closely with local, regional, state, and federal economic development and international trade organizations. The CITDs have developed courses in international business, identified local businesses interested in international trade, and provided many hours of direct, individualized support resulting in the creation and maintenance of jobs in California, and helped businesses increase their sales and profit revenues.*



## **CALIFORNIA-MEXICO TRADE ASSISTANCE CENTERS (CMTAC)**

Web Site: <http://www.cmtac.org>

*Governor Gray Davis designated CITD centers as California-Mexico Trade Assistance Centers (CMTAC) also to provide free consulting by experts in businesses with Mexico. Intensive training seminars in Mexican Business practices, language, and culture will be held through out the year, as well as trade missions to Mexico.*

### **Citrus College (CITD/CMTAC) Pomona**

300 West Second St., Ste.203

Pomona, CA 91766

Phone: (909) 629-2247

Fax: (909) 397-5769

Web Site: <http://citrus.cmtac.org>

### **El Camino (CITD/CMTAC)**

13430 Hawthorne Blvd.

Hawthorne, CA 90250

Phone: (310) 973-3173

Web Site: <http://elcamino.cmtac.org>

### **Los Angeles Southwest (CITD/CMTAC)**

1600 W. Imperial Highway

Los Angeles, CA 90047

Phone: (310) 383-3600

Web Site: <http://lasouthwest.cmtac.org>

### **Los Angeles Trade Tech (CITD/CMTAC)**

2443 S. Grand Ave.

Los Angeles, CA 90007

Phone: (213) 763-2520 x239

Web Site: <http://latrade.cmtac.org>

### **Long Beach City College (CITD/CMTAC)**

One World Trade Center, Suite 290

Long Beach, CA 90831

Phone: (562) 435-9472

Web Site: <http://longbeach.cmtac.org>

## **TRADEPORT**

Web Site: <http://www.tradeport.org>

*TradePort is the premier online resource for comprehensive information and links to global trade assistance centers throughout California. The TradePort's mission is to provide a gateway for California's businesses to connect with importers, exporters and trading partners throughout the world. TradePort also provides additional resources for online learning, collaboration and Web conferencing to assist California businesses and their partners with their global trade initiatives.*

*TradePort is owned by the Bay Area Economic Forum and the Los Angeles Area Chamber of Commerce, and managed by the Monterey Bay International Trade Association (MBITA).*

## **Regional/Local Assistance**

### **EXPORT MANAGERS ASSOCIATION OF CALIFORNIA (EMAC)**

110 Pine St., Suite 206

Long Beach, CA 90802

Phone: (562) 590-5171

Fax: (562) 590-5172

E-mail: [info@exportmanagers.com](mailto:info@exportmanagers.com)

Web Site: <http://www.exportmanagers.com>

*Founded in 1963 by a handful of exporters, EMAC is one of the largest non-profit export associations in the United States, and the West Coast's largest organization dedicated to fostering and promoting export trade in California. The Association was instrumental in the formation of the National Federation of Export Associations (NFEA) and is the leading member of NFEA. NFEA is sanctioned by the U.S. Department of Commerce as the spokesman for the community of export associations.*

*EMAC's membership represents the full spectrum of business and industry, from very small to very large firms. The organization promotes exports and assists its members through educational programs, seminars, conferences and special events.*

# **FOREIGN TRADE ASSOCIATION OF SOUTHERN CALIFORNIA**

P.O. Box 743049  
Los Angeles, CA 90004  
Phone: (323) 730-1011  
Fax: (323) 730-1088  
E-mail: [foreigntrade@earthlink.net](mailto:foreigntrade@earthlink.net)  
Web Site: <http://www.ftasc.org>

*The Foreign Trade Association of Southern California is a private, non-profit trade association representing more than 400 members of the international trade community. Founded in 1919, the FTA is the oldest trade group in Southern California. It helps businesses grow by providing international business assistance, and monitoring and advocating regulatory and legislative issues in Sacramento and Washington D.C. The FTA also provides workshops which offer importing and exporting education to companies seeking solutions to international challenges. Monthly luncheons featuring authorities on various world trade-related topics. All FTA meetings are open to the public.*

# **GLENDALE INTERNATIONAL TRADE DEVELOPMENT CENTER**

633 E. Broadway, Room 201  
Glendale, CA 91206-4387  
Phone: (818) 548-3155  
Fax: (818) 240-7913/ (818) 409-7239  
E-mail: [dahern@ci.glendale.ca.us](mailto:dahern@ci.glendale.ca.us)  
Web Site: <http://glendaleca.com/IntlTradeDev.asp>

*The International Trade Development Center in Glendale is designed to help businesses with entering or expanding in the global marketplace.*

*The center offers the following services and information:*

- Business plan analysis
- Foreign market studies
- Overseas contacts and connections
- Export financing packages
- State-of-the-art on-line databases for market research and foreign trade leads
- Marketing and logistics assistance

# **JAPAN BUSINESS ASSOCIATION OF SOUTHERN CALIFORNIA (JBA)**

11411 W. 190<sup>th</sup> Street, Suite 270  
Gardena, CA 90248  
Phone: (310) 515-9522  
Fax: (310) 515-9722  
E-mail: [jba@jba.org](mailto:jba@jba.org)  
Web Site: <http://www.jba.org>

*JBA is a non-profit, mutual-benefit organization of Japan-based corporations doing business in Southern California.*

*The primary objective of JBA is to promote two-way trade between Japan and the State of California. In the process, JBA hopes to cultivate mutual understanding and goodwill between the people of Southern California and Japan. It is the largest Japan-related business organization located outside Japan. Membership of JBA represents practically every major trading, manufacturing, banking and service firm in Japan.*

# **LOS ANGELES COUNTY COMMUNITY DEVELOPMENT COMMISSION OFFICE OF SMALL BUSINESS**

4800 Cesar Chavez Ave.  
Los Angeles, CA 90022  
Phone 1: (800) 555-3815  
Phone 2: (323) 260-2311  
Fax: (323) 881-1871  
Web Site: <http://www.laosb.org>

*The OSB has a new B2B International Trade Database on their website. The website was created to help acquaint businesses with international opportunities in Spanish and Chinese speaking countries.*

# **LOS ANGELES CUSTOMS BROKERS & FREIGHT FORWARDERS**

P.O. Box 4250  
Sunland, CA 91041  
Phone: (818) 951-2841  
Fax: (818) 353-5976  
E-mail: [la.cbffa@verizon.net](mailto:la.cbffa@verizon.net)  
Web Site: <http://www.lacbfffa.org>

*Formed in 1949, LACBFFA promotes the Southern California customs brokerage and freight forwarding industry as a whole. The organization takes an active leadership role in organizing and participating in seminars and conferences which are relevant to its members, often jointly sponsoring sessions with other common interest organizations and government agencies. In general, the objective of LACBFFA is to foster and advance the import and export businesses of the Customs Port of Los Angeles/Long Beach and the world trade of the United States.*

**STEAMSHIP ASSOCIATION OF SOUTHERN CALIFORNIA (SASC)**

900 Wilshire Blvd., #1434  
Los Angeles, CA 90017  
Tel: 213-627-0634 x204  
Fax: 213-627-0398  
Web site: <http://www.steamship.org>

*The Steamship Association is a nonprofit organization founded to promote the best interests of those engaged in the business of marine transport. The membership is comprised of vessel owners, agents, terminal operators, and stevedoring companies. Both U.S. and international flag vessels are part of its membership.*

*The SASC acts as an industry representative in addressing the issues that impact ocean transportation business. The association provides members with a focused organization dedicated solely to maritime issues.*

**VALLEY INTERNATIONAL TRADE ASSOCIATION INC.**

5121 Van Nuys Blvd., Suite 200  
Sherman Oaks, CA 91403  
Phone: (818) 379-7000  
Fax: (818) 379-7077  
Web Site: <http://www.vitainternational.org>

*The Valley International Trade Association was founded in 1979 by a group of dedicated Valley business professionals and educators responding to the need for a local association focusing on issues in international trade.*

*Since its inception, VITA has been the only resource, referral and educational association for international business in the Greater San Fernando Valley.*

**WORLD TRADE CENTER ASSOCIATION LOS ANGELES-LONG BEACH (WTCA LA-LB)**

*WTCA LA-LB, an affiliate of the Los Angeles County Economic Development Corp. (LAEDC), is Southern California's link to trade and investment opportunities around the world. With offices in both the Long Beach World Trade Center and the Los Angeles World Trade Center, the WTCA LA-LB is a key member of the network of 300 World Trade Centers operating in 101 countries.*

*Through its close working relationship with the LAEDC, the WTCA LA-LB focuses on identifying strategic international opportunities for businesses within Southern California's key industries. The WTCA LA-LB organizes and facilitates targeted inbound and outbound trade missions, maintains a clearinghouse of specialized trade experts, and works with businesses to develop international trade strategies.*

**Long Beach World Trade Center**

One World Trade Center, Suite 410  
Long Beach, CA 90831  
Phone: (562) 495-7070  
Fax: (562) 495-707

**Los Angeles World Trade Center**

350 S. Figueroa, Suite 172  
Los Angeles, CA 90071  
Phone: (213) 680-9234  
Fax: (213) 680-1878  
E-mail: [info@wtcala-lb.com](mailto:info@wtcala-lb.com)  
Web Site: <http://www.wtcanet.org>

*The WTCA LA-LB manages three international trade offices and centers in Southern California. These sub-regional trade offices are managed in economic partnership with government and support from private industry.*

**Long Beach International Trade Office**

One World Trade Center, Suite 410  
Long Beach, CA 90831  
Phone: (562) 495-7070  
Fax: (562) 495-7071  
E-mail: [info@wtcala-lb.com](mailto:info@wtcala-lb.com)  
Web Site: <http://www.wtcanet.org>

**Los Angeles Office of International Trade**

350 S. Figueroa, Suite 172  
Los Angeles, CA 90071  
Phone: (213) 680-9234  
Fax: (213) 680-1878  
E-mail: [info@wtcala-lb.com](mailto:info@wtcala-lb.com)  
Web Site: <http://www.wtcanet.org>

**Pico Rivera Trade Assistance Center (PRTAC)**

P.O. Box 1016  
6767 Passons Blvd., Ste. 100  
Pico Rivera, CA 90660-1016  
Phone: (562) 801-4384  
Fax: (562) 801-4765  
Web Site: <http://www.ci.pico-rivera.ca.us>

**SAN GABRIEL VALLEY INTERNATIONAL BUSINESS  
INCUBATOR (SGVIBI)**

10501-10507 Valley Blvd.  
El Monte, CA 91731  
Tel: 626-279-7979  
Fax: 626-279-7978  
E-mail: [info@sgvibi.com](mailto:info@sgvibi.com)  
Web site: <http://www.sgvibi.com>

*SGVIBI is a private, non-profit company that helps small businesses and start-up companies do business in Los Angeles by providing them with useful resources. It offers companies a place to turn to if they have limited resources. It also teaches individuals the finer points of running a successful company.*

**International Transportation Facilities**

**LOS ANGELES INTERNATIONAL AIRPORT (LAX)**

One World Way  
Los Angeles, CA 90045  
Phone: (310) 646-5260  
Fax: (310) 646-1894  
Web Site: <http://www.lawa.org>

*LAX is the hub of the Los Angeles regional and international airport system. More than 112 domestic and foreign airlines (commercial and cargo) link Los Angeles with destinations throughout the world. In 2002, LAX was the fifth busiest passenger airport in the world with 56 million passengers using the airport and fifth busiest cargo airport in the world with air cargo shipments totaling 1.8 million tons.*

**ONTARIO INTERNATIONAL AIRPORT (ONT)**

2900 E. Airport Dr.  
Ontario, CA 91761  
Phone: (909) 937-2700  
Web Site: <http://www.lawa.org/ont>

*Ontario International Airport (ONT) is a medium-hub, full service airport with commercial jet service to major U.S. cities and through service to many international destinations like Mexico. ONT is located approximately 35 miles east of downtown Los Angeles. In 2002, 6.4 million passengers used the airport and 547,461 tons of air freight were shipped.*

**PORT OF HUENEME**

Oxnard Harbor District  
P.O. Box 608  
333 Ponomo Street  
Port Hueneme, CA 93044-0608  
Phone: (805) 488-3677  
Fax: (805) 488-2620  
Web Site: <http://www.portofhueneme.org>

*The Port of Hueneme ranks among the top seaports in California for general cargo throughput. The niche markets that Hueneme serves include: the import and export of automobiles, fresh fruit, fresh produce and forest*

*products. The Port of Hueneme is the top seaport in the United States for citrus export and ranks among the top ten ports in the country for automobile and banana imports.*

#### **PORT OF LONG BEACH**

925 Harbor Plaza  
P.O. Box 570  
Long Beach, CA 90801  
Phone: (562) 437-0041 (LB)  
E-mail: [info@polb.com](mailto:info@polb.com)  
Fax: (562) 901-1725 (LA)  
Web Site: <http://www.polb.com>

*The Port of Long Beach is the number two container port in the United States. Specialized facilities handle autos, chemicals, coal and petroleum coke, cement, lumber, petroleum, salt, steel and scrap metal, in addition to the thousands of commodities carried via container.*

#### **PORT OF LOS ANGELES**

425 S. Palos Verdes Street  
San Pedro, CA 90731  
Phone: (310) SEA-PORT  
Phone2: (310) 732-3508 (Public Affairs)  
Fax: (310) 547-4611  
Web Site: <http://www.portla.com>

*The Port of Los Angeles is the number container port in the U.S., and serves as a vital U.S. West coast gateway for international commerce. The 7500-acre Port features 28 major facilities along 35 miles of waterfront that specialize in automobile, breakbulk, containerized and dry and liquid bulk cargo operations.*

### **Railroads**

#### **UNION PACIFIC RAILROAD COMPANY**

2401 E. Sepulveda Blvd. Tel: 562-490-7000  
Long Beach, CA 90810 Fax: 562-490-7120  
Web site: <http://www.uprr.com>

*The Union Pacific Railroad serves California's agricultural central valley, the Port of Oakland and the San Francisco Bay Area, and the Los Angeles Metropolitan area with its two major ports at Los Angeles and Long Beach. The "I-5 Corridor" offers an efficient north-south transportation service to freight customers on all three Pacific Coast States and provides ties to main east-west corridors at Seattle, Portland, Oakland and Los Angeles. Union Pacific trains also carry extensive varieties of import-export traffic through its Intermodal Container Transfer Facility (ICTF) near the Los Angeles-Long Beach Harbors.*

#### **BURLINGTON NORTHERN AND SANTA FE RAILWAY COMPANY (BNSF)**

3770 E. Washington Ave.  
Los Angeles, CA 90023  
Tel: 323-267-4133  
Fax: 323-267-4137  
Web site: <http://www.bnsf.com>

*The Burlington Northern Santa Fe Railway Company's (BNSF) network covers the western two-thirds of the United States, stretching from major Pacific Northwest and Southern California ports, to the Midwest, Southeast and Southwest, and from the Gulf of Mexico to Canada. BNSF is involved primarily with the transportation of coal, grain, intermodal containers and trailers, chemicals, metals and minerals, forest products, automobiles and consumer goods.*

## **Foreign Trade Zones**

### **LONG BEACH FOREIGN TRADE ZONE #50**

Grantee: Port of Long Beach  
909 E. Colon St.  
Wilmington, CA 90744  
Phone: (310) 233-2800  
Fax: (310) 233-2811  
Web Site: <http://www.metroftz.com>

*The Port of Long Beach's Foreign Trade Zone #50 was established in 1979 by the Foreign-Trade Zone Board. The Long Beach FTZ has facilities in Long Beach, Santa Ana, Ontario, Pomona (Fairplex), El Monte, and San Bernardino.*

### **Long Beach Foreign Trade Zone #50**

#### **Expansion Site #50-1/Ontario**

1050 N. Ontario Mills Dr., Ste. B  
Ontario, CA 91764  
Phone: (909) 466-8268  
Fax: (909) 466-9771

### **Long Beach Foreign Trade Zone #50**

#### **Expansion Site #50-2/Santa Ana**

City of Santa Ana Economic Development Agency  
20 Civic Center Plaza M-25  
P.O. Box 1988 Santa Ana 92702  
Phone: (714) 647-6984  
Fax: (714) 647-6549

### **PORT OF LOS ANGELES FOREIGN TRADE ZONE #202**

Port of Los Angeles (grantee)  
425 S. Palos Verdes Street  
San Pedro, CA 90731  
Phone: (310) 732-3840  
Fax: (310) 831-4896  
Web Site: <http://www.portla.com>

### **Los Angeles Foreign Trade Zone #202**

#### **Los Angeles World Airports**

One World Way  
P.O. Box 92216  
Los Angeles, CA 90009-2216  
Phone: (310) 646-0160  
Fax: (310) 646-8170

### **Los Angeles Foreign Trade Zone #202**

#### **International Trade and Transportation Center**

Two Fanucchi Way East  
Shafter, CA 93263  
Phone: (661) 588-6262  
Phone2: (661) 588-6269

### **Los Angeles Foreign Trade Zone #202**

#### **Dominquez Technology Center**

c/o The Carson Companies  
18170 S. Wilmington Ave., Suite 200  
Wilmington, CA 90220  
Phone: (310) 687-5000  
Fax: (310) 685-5057

### **Los Angeles Foreign Trade Zone #202**

#### **Alameda Trade Center**

c/o Lowe Enterprises, Inc.  
1318 E. 7<sup>th</sup> Street, Suite 200  
Los Angeles, CA 90021  
Phone: (213) 627-1212  
Fax: (213) 627-1895

*Strategically located at the northern end of the Alameda Corridor, the Alameda Trade Center is a 20-acre master-planned, industrial park with U.S. Government approved Foreign Trade Zone status. In addition, the Alameda Trade Center is the first "Regional Center" designated by the INS in California. The project has been designed specifically to address the unique requirements of import/exporters, general merchandisers, produce wholesalers, frozen food distributors, food processors, and other wholesalers/distributors. When fully completed the Alameda Trade Center will consist of approximately 600,000 square feet of state-of-the-art, class-*

*A, concrete tilt-up buildings. These buildings will range in size from 10,000 square feet to 160,000 square feet, and are offered on a for-sale basis.*

**Los Angeles Foreign Trade Zone #202**

**Western Sunset**

2626 Vista Industria  
Rancho Dominguez, CA 90221  
Phone: (310) 223-1245  
Fax: (310) 638-6075

**Los Angeles Foreign Trade Zone #202**

**Pacific Gateway Center**

c/o Prentiss Properties Ltd.  
970 W. 190<sup>th</sup> Street, Suite 550  
Torrance, CA 90502  
Phone: (310) 323-8300  
Fax: (310) 327-7714

**Los Angeles Foreign Trade Zone #202**

**Kintetsu Intermodal (USA), Inc.**

1035 Watson Center Rd.  
Carson, CA 90745  
Phone: (310) 522-0311, ext. 2064  
Fax: (310) 834-3880

**PALMDALE FOREIGN TRADE ZONE #191**

City of Palmdale  
Economic Development Department  
38250 N. Sierra Hwy.  
Palmdale, CA 93550  
Phone: (661) 267-5125  
Fax: (661) 267-5155

*Palmdale received their Foreign Trade Zone #191 grant in 1993. The Zone includes over 1,300 acres of industrial property comprised of 15 buildings totaling over 1.5 million square feet of space, as well as a substantial amount of undeveloped property available for build-to- suit.*

**SOUTHERN CALIFORNIA LOGISTICS AIRPORT (SCLA)**

18374 Readiness St.  
Victorville, CA 92394  
Tel: 760-246-6115  
Fax: 760-246-3108  
Web site: <http://www.logisticsairport.com>

*SCLA, a foreign trade zone, is one of the first complete intermodal business complex with 5,000 acres that is ideally situated, approximately 50 miles northeast of Los Angeles County and 40 minutes north of Ontario Airport (ONT). There are major trucking and rail routes through the Victor Valley, providing access to major western states and Mexico markets within 12 hours.*

**Offices of Protocol**

**FEDERAL OFFICES OF PROTOCOL:**

**DEPARTMENT OF STATE**

**DIPLOMATIC SECURITY SERVICE**

255 E. Temple Street, Suite 1273  
Los Angeles, CA 90012  
Phone: (213) 894-3290  
Fax: (213) 894-0914  
Mr. Garth Pettijohn, Senior Protective Liason Agent  
Gerald Desalvo, Special Agent

**OFFICE OF FOREIGN MISSIONS**

U.S. Department of State  
10940 Wilshire Blvd., Suite 1425  
Los Angeles, CA 90024  
Phone: (310) 235-6292  
E-mail: [pressel@state.gov](mailto:pressel@state.gov)  
Fax: (310) 235-6297  
David Van Valkenburg, Regional Director

**STATE OFFICE OF PROTOCOL:**

**STATE OF CALIFORNIA OFFICE OF PROTOCOL**

Office of the Governor  
State Capitol  
Sacramento, CA 95814  
Phone: (916) 445-9947  
Fax: (916) 324-6357  
Michael Flores, Secretary of Foreign Affairs

**COUNTY OFFICES OF PROTOCOL:**

**COUNTY OF LOS ANGELES OFFICE OF PROTOCOL**

Kenneth Hahn Hall of Administration  
500 West Temple Street, Room 375  
Los Angeles, CA 90012  
Phone: (213) 974-1307  
Fax: (213) 621-2084  
E-mail: gbarnard@co.la.ca.us  
Mrs. Sandra Ausman, Chief of Protocol  
Mrs. Ginger Barnard, Deputy Chief of Protocol

**COUNTY OF ORANGE OFFICE OF PROTOCOL**

10 Civic Center Plaza, Suite 106  
Santa Ana, CA 92701  
Phone: (714) 834-5654  
Fax: (714) 834-4465  
E-mail: jsokolski@ceo.noa.co.orange.ca.us  
Mrs. Joanne C. Sokolski, Chief of Protocol  
Mr. Henry Yee, Chairman of the Protocol Commission/  
Deputy Chief of Protocol

**COUNTY OF RIVERSIDE OFFICE OF PROTOCOL**

3985 University Avenue  
Riverside, CA 92501  
Phone: (909) 680-1774  
Fax: (909) 784-5072  
E-mail: oiap@globaltradecenter.org  
Mr. Roderic O. Balance, Chief of Protocol

**CITY OFFICE OF PROTOCOL:**

**CITY OF LOS ANGELES OFFICE OF PROTOCOL**

Office of the Mayor  
500 W. Temple Street, room 375  
Los Angeles, CA 90012  
Phone: (213) 974-1307  
Fax: (213) 621-2064  
Sandra J. Ausman, Chief of Protocol  
Ginger Barnard, Deputy Chief of Protocol



## **Jewelry**

*Employment (4/'01): 9,487  
Number of Establishments (4/'01): 1,255  
Shipments/Receipts (1997): \$490 Million  
NAICS Codes: 334518, 339911, 339913, 42194*

### **Education**

#### **EL CAMINO COLLEGE**

##### **Studio Art - Jewelry/Metalsmithing**

16007 Crenshaw Blvd.                      Dean: Tom Lew  
Torrance, CA 90506  
Tel: 310-660-3715  
Fax: 310-660-3792  
E-mail: TLEW@elcamino.edu  
Web site: [http://www.elcamino.cc.ca.us/Fine\\_Arts/Index.htm](http://www.elcamino.cc.ca.us/Fine_Arts/Index.htm)

*The Art Department offers a Certificate of Completion and an A.A. Degree with an emphasis in Jewelry/Metalsmithing. Courses offered include introduction to jewelry and metalsmithing, jewelry fabrication techniques, and jewelry casting.*

#### **GEMOLOGICAL INSTITUTE OF AMERICA**

550 S. Hill St., Ste. 901  
Los Angeles, CA 90013                      VP of Education: Brook Ellis  
Tel: 213-833-0115  
Fax: 213-622-7374  
Web site: <http://www.gia.edu>

*GIA was established in 1931 as a non-profit educational resource for the gem and jewelry industry. Its mission is to ensure the public trust by educating and serving the gem and jewelry industry worldwide, providing knowledge and professionalism that will maintain the long-term stability of the industry and strengthen consumer confidence. GIA offers on-campus classes and services, extension classes and seminars, and graduate diploma programs in gemology.*

#### **LONG BEACH CITY COLLEGE**

##### **Art Department - Jewelry**

4901 E. Carson St.  
Long Beach, CA 90808                      Assistant Professor: Larry White  
Tel: 562-938-4492  
Fax: 562-938-4118  
E-mail: [lwhite@lbcc.edu](mailto:lwhite@lbcc.edu)  
Web site: <http://art.lbcc.cc.ca.us>

*Long Beach City College offers an Associate of Arts degree in Jewelry Metalsmithing. Subjects included in the program are casting, fabrication, hollowware, jewelry design, metalsmithing, mold making, and other related topics.*

#### **LOS ANGELES MISSION COLLEGE**

##### **Art Department - Jewelry**

13356 Eldridge Ave.  
Sylmar, CA 91342  
Tel: 818-364-7600  
Fax: 818-364-7806  
Web site: <http://www.lamission.cc.ca.us>

*Students learn the methods of wax build-up, carving, and jewelry fabrication techniques, including the use of jewelers' tools, plus silver and gold soldering. Students also work directly with non-precious and precious metals. It stresses the concepts of design craftsmanship and the development of personal standards of evaluation.*

# **OTIS COLLEGE OF ART AND DESIGN – EVENING COLLEGE**

## **Jewelry Design**

9045 Lincoln Blvd.

Director: Amy Gantman

Los Angeles, CA 90045

Tel: 310-665-6850

Web site: <http://www.otisart.edu>

*This Certificate program covers bead stringing, knotting, and wire wrapping I & II. They are eight-week courses where students design and create their own jewelry. Introduction to Goldsmithing covers basic techniques of creating fine gold and silver jewelry by hand. Jewelry Design is an intensive hands-on workshop exploring metal design fabrication techniques.*

# **MANUFACTURING JEWELERS & SUPPLIERS OF AMERICA**

510 W. 6<sup>th</sup> St., Ste. 926

Los Angeles, CA 90014

Tel: 213-622-5771

Fax: 213-622-3804

E-mail: [ajm@ajm-magazine.com](mailto:ajm@ajm-magazine.com)

Web site: <http://mjasa.polygon.net/>

*The Manufacturing Jewelers & Suppliers of America (MJSA) trade association represents 1700 members nationwide. Its mission is to foster the long-term stability and prosperity of the manufacturers and suppliers within the jewelry industry. MJSA accomplishes this goal by providing leadership in public and industry affairs, membership benefits, trade shows, government affairs programs, and educational opportunities. MJSA also publishes a monthly magazine, AJM, which provides information on new technologies, techniques, and materials pertaining to the jewelry manufacturing industry.*

## **Associations**

### **CALIFORNIA JEWELER'S ASSOCIATION**

727 W. 7<sup>th</sup> St., Ste. 918

Los Angeles, CA 90017-3446

Tel: 213-623-5722

Fax: 213-623-5742

Web site: <http://www.californiajewelers.org>

*The California Jeweler's Association is a state affiliate of Jewelers of America and serves over 1000 members throughout the state. It offers a variety of programs, services, and products designed especially for the retail jeweler in California. Among the membership benefits are business enhancements and tools, group insurance programs, and educational opportunities.*

## Technology Industries

*Employment (4/'01): 135,929*

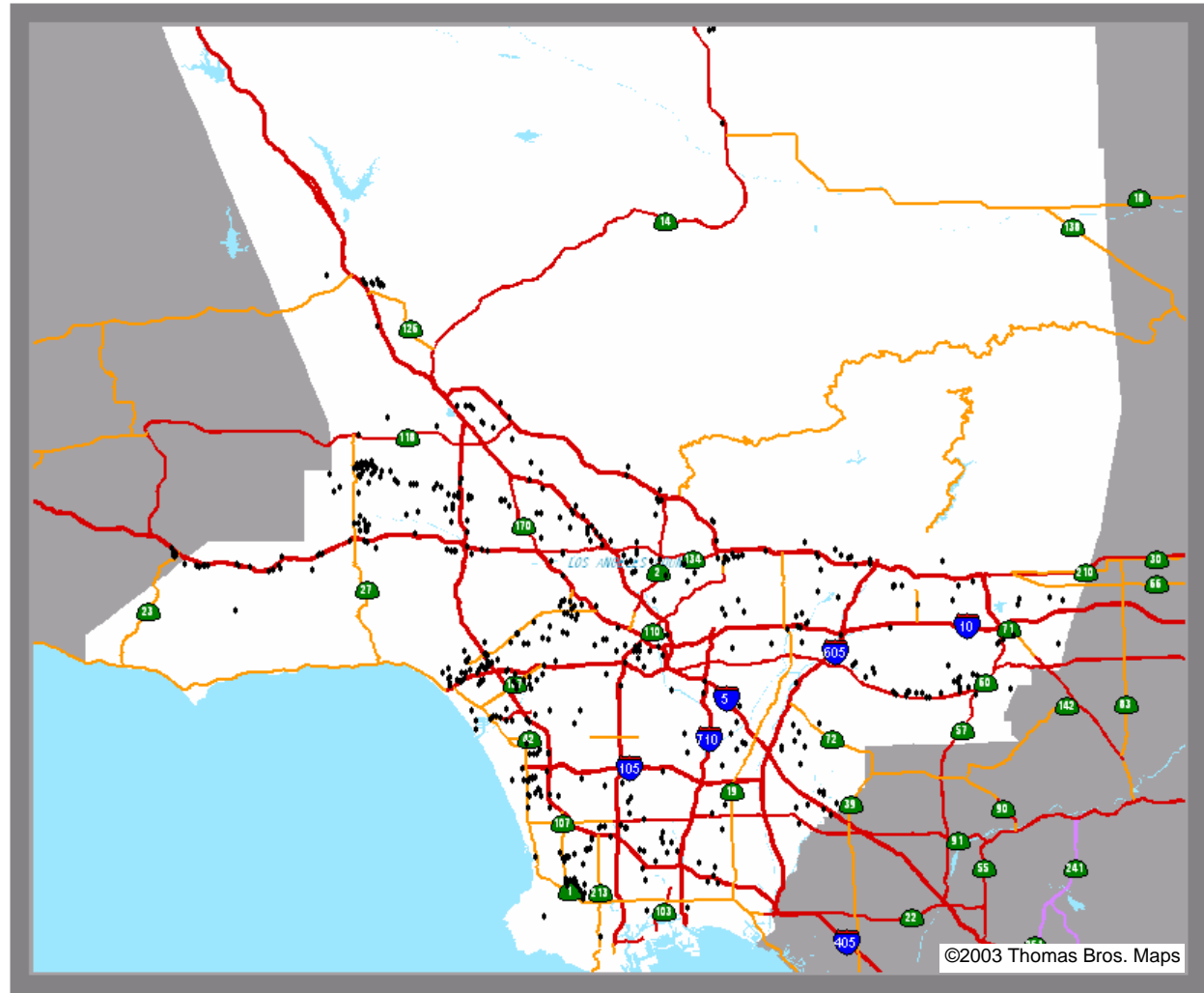
*Number of Establishments (4/'01): 5,531*

*Shipments/Receipts (1997): \$12.6 Billion*

*NAICS Codes: 3341-44, 334513, 5112, 5133, 514191, 5142, 5415*

Situated in the most college-and-university-rich region in the country, the technology industry is supported by an entrepreneurial infrastructure and a number of locally based business associations, special support, incubators, and training programs.

In addition, the creative energies from the entertainment industry, as well as research from UCLA, USC, and CalTech are being channeled into new commercial applications, including digital production, the Internet, and multimedia. The potential for additional expansion is enormous. Los Angeles County graduates more PhDs annually than any other region in the nation. More than 20 start-up companies were formed in 2002 in the region according to The Association of University Technology Managers (AUTM) Licensing Survey FY2002.



## **Education**

### **Computer Science/Computer Technology**

#### **AZUSA PACIFIC UNIVERSITY**

##### **Computer Science Department**

901 E. Alosta Ave. Dept. Chair: Dr. Samuel Sambasivam  
 Azusa, CA 91702  
 Tel1: 626-815-5310  
 Tel2: 800-825-5278  
 Web site: <http://www.apu.edu>

*The Department of Computer Science offers a B.S. in Computer Science, a B.A. in Computer Information Systems, an M.S. in Applied Computer Science & Technology with seven different areas of emphasis, a Master of Software Engineering (MSE) and six Graduate Certificate Programs in applied computing.*

#### **CALIFORNIA LUTHERAN UNIVERSITY**

##### **Computer Science**

60 W. Olsen Rd. Dept. Chair: Dr. Chang-Shyh Peng  
 Thousand Oaks, CA 91360  
 Tel: 805-493-3819  
 Web site: <http://www.clunet.edu>

*The Computer Science programs offered in CLU are designed to prepare students for an industrial, business, or government career. CLU offers majors and minors in both computer science and computer information systems and certificates in information technology and information systems. Graduates often pursue careers that utilize their skills in software and hardware development, programming, computer use in business, computer engineering, and education.*

#### **CALIFORNIA STATE POLYTECHNIC UNIVERSITY (Cal Poly), POMONA**

##### **College of Engineering**

3801 W. Temple Ave. Dean: Edward C. Hohmann  
 Pomona, CA 91768 No. of Students: 4,500  
 Tel: 909-869-2600 2002-2003 graduates: 710  
 Fax: 909-869-4370  
 Web site: <http://www.csupomona.edu/~engineering>

*Cal Poly Pomona's College of Engineering strives to educate engineers and technologists to meet increasingly more complex technical and socio-economic challenges. It provides study opportunities in eleven engineering disciplines leading to Bachelor of Science degrees in Aerospace, Chemical, Civil, Electrical, Industrial, Manufacturing, Materials, Mechanical, Engineering Technology, Construction Technology, Electronics & Computer Technology engineering. The program in agricultural engineering is administered independently through the College of Agriculture. All of the undergraduate engineering curricula are accredited by the Accreditation Board for Engineering and Technology (ABET).*

##### **E-Business**

College of Business Administration Advisor: Alice Bauer  
 Tel: 909-869-2360  
 Web site: <http://www.bus.csupomona.edu>

*The new E-Business program is designed to train students the technological, business and interpersonal tools needed to add value to established and start-up organizations engaged in e-business, the ability to address the needs of e-business stakeholders, and the unique tools and abilities required for ventures into the growing field of "high tech" or "Internet based" businesses and institutions.*

#### **CALIFORNIA STATE UNIVERSITY, DOMINGUEZ HILLS**

##### **Department of Computer Science**

1000 E. Victoria Street Dept Chair: Dr. Mohsen Beseshti  
 Carson, CA 90747 No. of Students: 252  
 Tel: 310-243-3398 1999-2000 graduates: 30  
 Fax: 310-243-3153  
 Web site: <http://csc.csudh.edu/csc.html>

*The Computer Science Department offers Bachelor of Science, Minor, or Certificate program. The curriculum is designed to provide preparation for professional careers in the areas of software design and applied computer science, as well as to give the necessary theoretical background for graduate study in the field. The baccalaureate program is accredited by the Computer Science Accreditation Commission (CSAC) of the Computing Sciences Accreditation Board (CSAB).*

#### **CALIFORNIA STATE UNIVERSITY, LONG BEACH (CSULB)**

##### **College of Engineering**

1250 Bellflower Blvd. Dean: Dr. Richard Williams  
 Long Beach, CA 90840 No. of Students: 1,080  
 Tel: 562-985-4271  
 Fax: 562-985-8022  
 Web site: <http://www.engr.csulb.edu>

*Cal State Long Beach offers a Bachelor of Science in Engineering Technology (BSET). BSET has several program options, such as computer technology, electronics technology, environmental technology, manufacturing technology, and quality assurance technology. Cal State Long Beach also offers a bachelor degree in electrical engineering with an emphasis in analog, communications, controls, digital & computer, digital signal processing, and power.*

#### **CALIFORNIA STATE UNIVERSITY, LOS ANGELES (CSULA)**

##### **School of Engineering, Computer Science and Technology**

5151 State University Dr. Dean: Dr. Kuei- Tsau  
 Los Angeles, CA 90032 No. of Students: 1,700  
 Tel: 323-343-4500 2001-2002 graduates: 424  
 Fax: 323-343-4555  
 Web site: <http://www.calstatela.edu/academic/engr/tmp/et/>

*Cal State L.A. has several engineering programs available to students. These programs are separated into departments such as civil engineering, electrical and computer engineering, mechanical engineering, Computer Science and Technology.*

#### **CALIFORNIA STATE UNIVERSITY, NORTHRIDGE (CSUN)**

##### **College of Engineering and Computer Science**

18111 Nordhoff St. Dean: Dr. Larry Carretto  
 Northridge, CA 91330 No. of Students: 2,200  
 Tel: 818-677-4501  
 Fax: 818-677-2140  
 Web site: <http://www.csun.edu/~ecsdean>

*The College of Engineering and Computer Science offers bachelors and masters degrees in engineering and computer science. The engineering program has options in civil engineering, electrical engineering, manufacturing engineering, and mechanical engineering. CSUN is committed to providing students with a proper balance between basic theory and practical experience that makes its graduates immediately productive on the job. Part of the practical experience involves working closely with industrial partners to bring current problems into the classroom.*

#### **CITRUS COLLEGE**

##### **Computer Science & Engineering**

1000 W. Foothill Blvd. Dean: James Williams  
 Glendora, CA 91741  
 Tel: 626-914-8794  
 Web site: <http://www.citruscollege.com>

*The Computer Science program combines math, sciences, and computers with emphasis in software design. Instructions will consist of lecture and laboratory experience to give students the opportunity to experiment with scientific theories. An A.S. degree is awarded upon completion of the program*

#### **CLAREMONT MCKENNA COLLEGE**

##### **Computer Science Sequence**

500 E. Ninth St. Dept. Chair: Dr. Robert Valenza  
 Claremont, CA 91711  
 Tel: 909-607-7371  
 Web site: <http://www.mckenna.edu>

*The Computer Science Sequence provides a substantial course of study in both the practice and theory of computing, beginning with the mastery of fundamental applications and elementary programming, and culminating in*

*courses emphasizing both the abstract principles of computer science as well as modern software development methodologies.*

### **COLLEGE OF THE CANYONS**

#### **Computer Science**

26455 Rockwell Canyon Rd.

Dept. Chair: Douglas Forbes

Santa Clarita, CA 91355

Tel: 661-259-7800 x3217

Web site: <http://www.coc.cc.ca.us>

*The goal of the Computer Science program is to provide an understanding of the functions of the modern computer and operational skills in program development. The courses include algorithms and programming (Java & Visual BASIC), C & C++, and data structures and program design. The Department also offers a Certificate in Computer Networking.*

### **EL CAMINO COLLEGE**

#### **Mathematical Sciences – Computer Science**

16007 Crenshaw Blvd.

Dean: Dr. C. Irvin Drew

Torrance, CA 90506

Tel: 310-660-3201

Fax: 310-660-6023

Web site: <http://www.elcamino.cc.ca.us>

*The Computer Science courses offered provide instruction in UNIX as well as high-level languages (PASCAL, FORTRAN, C, C++), PC assembly languages and advanced programming concepts. The Department offers a Certificate and A.S. degree in Computer Science.*

### **GLENDALE COMMUNITY COLLEGE**

#### **Computer Science**

1500 N. Verdugo Rd.

Division Chair: Deborah Ludford

Glendale, CA 91208

Tel: 818-240-1000 x5281

Fax: 818-551-5253

E-mail: [deanit@glendale.edu](mailto:deanit@glendale.edu)

Web site: <http://www.glendale.cc.ca.us>

*The Certificate in Computer Science program requires students to complete 32 units of course work. Courses offered include: Visual Basic, Advanced*

*C and C++ Programming, JAVA, Networking and Telecommunications, the Unix Operating system, and Introduction to Microprocessors-Digital Technology among others.*

### **HARVEY MUDD COLLEGE**

#### **Computer Science**

301 E. 12<sup>th</sup> St.

Dept. Chair: Dr. Robert M. Keller

Claremont, CA 91711

Tel: 909-621-8225

Fax: 909-621-8465

Web site: <http://www.cs.hmc.edu>

*The Computer Science curriculum both address the needs of students and the professional community in providing graduates having unique, and academically- or professionally-attractive, profiles combining fundamentals, design techniques, and applications. The HMC Computer Science student is well educated in core CS areas and typically has qualifications that range from systems to applications, software to hardware, and in both symbolic and numeric computing. The Computer Science Clinic is a requirement for graduation and some of the projects include: a network management-by-delegation prototype, a tool for language formatting in VLSI CAD systems, a graphical logical interface for database systems, and an electronic patient chart toolkit among others.*

### **LOS ANGELES CITY COLLEGE**

#### **Computer Science – Information Technology**

855 N. Vermont Ave.

Dept Chair: Roger Wolf

Los Angeles, CA 90029

Tel: 323-953-2811

Web site: <http://citywww.lacc.cc.ca.us>

*The CSIT curriculum and laboratory equipment is updated often in order to maintain pace with the industry. Students successfully completing this curriculum will find many opportunities for employment in such areas as large insurance, banking, retail, ad manufacturing companies, and in various government agencies. The College offers an A.A. degree as well as a Certificate in CSIT.*

## **LOS ANGELES ORT TECHNICAL INSTITUTE**

### **Microcomputer and Networking Technology**

Main Campus:	Sherman Oaks Campus:
6435 Wilshire Blvd.	15130 Ventura Blvd.
Los Angeles, CA 90048	Sherman Oaks, CA 91403
Tel: 323-966-5444	Tel: 818-382-6000
Fax: 323-966-5455	Fax: 818-788-3997
Web site: <a href="http://www.laort.com">http://www.laort.com</a>	

*The Institute's Microcomputer and Network Technology Program is designed to prepare students to be qualified entry-level Computer Technicians and Network Administrators. A graduate you will be able to repair microcomputers and install, troubleshoot, operate and administer PC-based hardware and software. You will have entry-level knowledge of PC repair, operating systems such as DOS and Windows, administration for the industry's most predominant networking software and platforms, and popular application programs commonly used in an office environment.*

## **LOS ANGELES PIERCE COLLEGE**

### **Computer Science & Information Technology**

6201 Winnetka Ave.	Dept. Chair: Art Sherman
Woodland Hills, CA 91371	
Tel: 818-710-4240	
Web site: <a href="http://www.lapc.cc.ca.us/usr/cosci">http://www.lapc.cc.ca.us/usr/cosci</a>	

*The CSIT Department offers courses and curricula in several areas of emphasis in the computer field. The student may choose in three areas of specialization at the associate degree level. They are Programming for Business, Programming for Computer Science, and Computer and Network Technology.*

## **MT. SAINT MARY'S COLLEGE**

### **Computer Science**

12001 Chalon Rd.  
Los Angeles, CA 90049  
Tel: 310-954-4101  
Web site: <http://www.msmc.la.edu>

*Mt. Saint Mary's College offers two-degree programs, a B.S. in Computer Science and a B.A. in Information Technology. It also offers three*

*concentrations in computer science: Educational Computing, Web Technologies, and Networks. Students can also pursue a minor in Computer Science and a variety of certificate programs.*

## **MT. SAN ANTONIO COLLEGE**

### **Computer Systems Technology**

1100 N. Grand Ave.	Dept. Chair: Arlo Lusby II
Walnut, CA 91789	
Tel: 909-594-5611 x4818	
Web site: <a href="http://www.mtsac.edu">http://www.mtsac.edu</a>	

*The Computer Systems Technology curriculum encompasses advanced coursework in computer systems circuitry. This includes microprocessor programming codes and culminates with microprocessor interfacing circuits. Mt. SAC offers a Certificate and an A.S. degree for this program.*

## **PASADENA CITY COLLEGE**

### **Electronics – Computer Technology**

Engineering and Technology	Division Dean: Robert Navarro
1570 E. Colorado Blvd.	
Pasadena, CA 91106	
Tel: 626-585-7267	
Web site: <a href="http://www.paccd.cc.ca.us">http://www.paccd.cc.ca.us</a>	

*The curriculum prepares students to work in the field of computer and information technology in modern high-tech industries and institutions. The program qualifies students to seek employment as computer technicians, field service engineers, and research and development technicians. Instruction is offered in electronics fundamentals followed by advanced work in digital electronics, microprocessor applications, and computer architecture. Additional courses in modern programming languages and logic design enhance the student's understanding of the hardware and software aspects of computer systems. A Certificate of Achievement is awarded upon completion of all required courses.*

### **Mathematics/Computer Studies**

Interim Division Dean: Rosemary Aragon  
Tel: 626-585-7331

*The department teaches: Computer Information Systems, Computer Science, Mathematics, and Statistics. Mathematical subjects through the level of differential equations are taught, along with studies related to computers, featuring operations, microcomputers, programming languages, logic design, and data structures.*

#### **PEPPERDINE UNIVERSITY**

##### **Computer Science/Mathematics**

24255 Pacific Coast Hwy. Program Coord: Dr. Stanley Warford  
Malibu, CA 90263  
Tel: 310-456-4332  
Web site: <http://www.pepperdine.edu/seaver/natsci>

*The Computer Science/Mathematics curriculum is based on three themes: abstraction, integration, and languages and paradigms. Upon completion of the program, the student should possess:*

- *A mathematical foundation that underpins all scientific endeavors and especially the discipline of computer science.*
- *A working knowledge of programming paradigms and software design principles, and programming languages that are used to implement them*
- *Knowledge of fundamental structures in computer science such as computer architecture/organization, operating systems, and computer networks.*
- *Knowledge of a variety of other topics in computer science such as databases, artificial intelligence, and computer graphics.*

#### **UNIVERSITY OF CALIFORNIA, LOS ANGELES (UCLA)**

##### **Henry Samueli School of Engineering and Applied Science**

7400 Boelter Hall Dean: Vijay K. Dhir  
Los Angeles, CA 90095 No. of Students: 4,025  
Tel: 310-206-0679  
Fax: 310-206-2682  
Web site: <http://www.engineer.ucla.edu>

*The Henry Samueli School of Engineering and Applied Science offer a versatile program of teaching and research that addresses national security requirements and competitive commercial needs. The school has seven departments with degree programs that actively support traditional and*

*emerging fields of applied science and technology, including bioengineering, computer networking, wireless communications, infrastructure renewal, nanotechnology and nano-manufacturing.*

#### **UNIVERSITY OF LA VERNE**

##### **Computer Science/Computer Engineering**

1950 3<sup>rd</sup> St. Dept. Chair: Seta Whitby  
La Verne, CA 91750  
Tel: 909-593-3511 x4572  
Fax: 909-392-2754  
Web site: <http://www.elaverne.edu>

*The B.S. in Computer Science and Computer Engineering program requires a minimum of 48 semester hours of computer engineering, computer science, and information science courses. Students are encouraged to streamline studies toward one concentration: Software, Engineering, or Information Science.*

#### **UNIVERSITY OF SOUTHERN CALIFORNIA (USC)**

##### **Computer Science**

Salvatori Computer Science Center Hall 300  
Los Angeles, CA 90089 Dept. Dr. Gerald Medini  
Tel: 213-740-4494  
Fax: 213-740-7285  
Web site: <http://www.usc.edu/dept/cs/index.html>

*The Computer Science program prepares students to enter the fields of software design, development, application, and maintenance. It also provides intensive study in algorithmic design and analysis, and the theory of computing.*

##### **Advanced Interconnect and Network Technology**

USC Electrical Engineering Department Contact: Prof. A.F.J. Levi  
University Park, DRB 118  
Los Angeles, CA 90089-1111  
Tel: 213-740-7318  
Fax: 213-740-9280  
E-mail: [alevi@usc.edu](mailto:alevi@usc.edu)  
Web site: [http://www.usc.edu/dept/engineering/eleceng/Adv\\_Network\\_Tech](http://www.usc.edu/dept/engineering/eleceng/Adv_Network_Tech)



*Research studies include:*

- *Fiber-to-the-processor*
- *Microphotonic RF receiver*
- *Microdisk lasers*
- *Parallel Optical Interconnects/POLO/PONI*

**Center for Intelligent Manufacturing of Semiconductors (CIMOS)**

Contact: Dr. A. Madhukar, Director

E-mail: madhukar@usc.edu

*CIMOS' objectives are:*

- *Intelligent design and manufacturing of Advanced Semiconductor Nanostructures (<100 nm) for the 21<sup>st</sup> Century.*
- *Understanding and process control of two complementary approaches:*
  - *Post-Growth Dry Etching*
  - *Purely Growth-controlled Synthesis on nanomesa arrays*

**Center for Software Engineering (CSE)**

941 W. 37<sup>th</sup> Place, SAL Room 328

Director: Dr. Barry W. Boehm

Los Angeles, CA 90089-1781

Tel: 213-740-8163

E-mail: boehm@sunset.usc.edu

Web site: <http://sunset.usc.edu/main.html>

*Dr. Barry W. Boehm founded the Center in June of 1993 for the purpose of providing an environment for research and teaching in the areas of large-scale software design and development processes, generic and domain specific software architectures, software engineering tools and environmentalists, cooperative system design, and the economics of software engineering.*

*One of the main goals of the Center is to perform research and development of practical software technologies that can aid its Affiliate members in reducing cost, customizing designs, and improving design quality by doing concurrent software and systems engineering – yet also meet the requirements of the Center for research topics that will facilitate the training and education of skilled software leaders armed with Ph.D. degrees.*

**Manufacturing Technology**

**CALIFORNIA STATE UNIVERSITY, LONG BEACH (CSULB)**

**Engineering Technology – Manufacturing Technology**

1250 Bellflower Blvd.

Dept. Chair: Dr. Emanuel Jarasunas

Long Beach, CA 90840

Tel: 562-985-5732

Fax: 562-985-8022

Web site: <http://www.csulb.edu/colleges/coe/et/options/manufacturing.html>

*The objective of the Manufacturing Technology Option program is to prepare graduates to pursue careers in the applied application of manufacturing systems required by industry to produce products. Emphasis is placed on specific job skills required to entry-level professionals in manufacturing technology such as the evaluation and implementation of manufacturing process and equipment, plant planning and layout, quality control systems tool design, manufacturing standards and cost control, computers applications, safety, automation, and integrated product and process development.*

**CERRITOS COLLEGE**

**Technology Division**

11110 Alondra Blvd.

Norwalk, CA 90650

Dept. Chair: Jon Bender

Tel: 562-860-2451 x2912

Fax: 562-467-5005

Web site: <http://www.cerritos.edu>

*The Cerritos College Technology Division offers many specialized and technical programs that lead towards entry-level or advanced employment in local industry. Included are advanced transportation technology (electric vehicle), automotive mechanical/collision repair, composites technology center, cosmetology, drafting, electronics, and technical math.*

**CITRUS COLLEGE**

**Technology Division**

1000 W. Foothill Blvd

Dean: Mike Hurtado

Glendora, CA 91741

Tel: 626-914-8561

Web site: <http://www.citrus.cc.ca.us>

*Citrus College offers customized training and consulting services to businesses. Programs can be brought on-site and designed to meet the company's specific needs. The College offers Associate in Science degree in Drafting and Electronics. It has Certificate Programs in Advanced Drafting Technology, Computer Repair Technician, Drafting Technology, Drafting, Electronics Circuit Technician, Electronics Technician, Electronics, and Engineering Computer Technology.*

### **COLLEGE OF THE CANYONS**

#### **Manufacturing Technology**

26455 Rockwell Canyon Rd.

Santa Clarita, CA 91355

Tel: 661-259-7800 x3996

Web site: <http://www.coc.cc.ca.us>

Program Coord: Pat Schaeffer

*The Courses in Manufacturing Technology in COC are designed for first-time college students, reentry students, and current industry employees seeking skill enhancement or upgrade training. The program features hands-on experience with high speed machine tools, CAD technology, CNC machining and programming, CAD/CAM technologies, automated manufacturing, and metrology. Students may earn a Certificate or an Associate in Science degree upon completion of the program.*

### **EAST LOS ANGELES COLLEGE**

#### **Technology Division**

1301 Avenida Cesar Chavez

Monterey Park, CA 91754

Tel: 323-265-8723

Web site: <http://www.elac.cc.ca.us>

Dean: David Fisher

*East Los Angeles College offers customized training and consulting services. Programs are designed to meet the company's needs and can be brought on-site for added convenience. The College offers an A.S. and Certificate programs in Computer Aided Drafting (CAD), Computer Aided Drafting/Design (CADD), Electronics – Computer, Electronics – Technology, and Engineering Technology.*

### **EAST LOS ANGELES SKILLS CENTER**

#### **Electronic Drafter/CAD**

3921 Selig Place

Los Angeles, CA 90031

Tel: 213-227-0018

E-mail: [info@lausd.k12.us.elasc](mailto:info@lausd.k12.us.elasc)

Web site: [http://www.lausd.k12.ca.us/lausd/offices/dace/East\\_Los\\_Angeles\\_SC](http://www.lausd.k12.ca.us/lausd/offices/dace/East_Los_Angeles_SC)

*The program trains students in the electronic drafting field, trains students to prepare schematic diagrams, block diagrams, control drawings, logic diagrams, integrated circuit drawings, inter-connection diagrams, and trains students how to use drafting machines.*

#### **Machinist**

*This program trains students for employment as machine tools operators. Skills taught include: how to use necessary hand tools; how to perform bench work measurement and layout; how to operate drilling machines, lathes, and milling machines. It also trains students how to inspect basic machine parts.*

### **EAST SAN GABRIEL VALLEY R.O.P.**

#### **Manufacturing Technology**

1501 W. Del Norte Ave.

West Covina, CA 91790

Tel: 626-472-5195

*The Machine Shop class offered by the East San Gabriel Valley R.O.P covers the following areas: Basic Principles of the Machine Shop, Lathes, Mills, Drill Press, Saws and Grinders, Blueprint Reading, Shop Mathematics and Process Planning, Inspection and Quality Control, and CNC.*

### **EL MONTE-ROSEMEAD ADULT SCHOOL**

#### **Manufacturing Technology**

19807 Ramona Blvd.  
El Monte, CA 91731  
Tel: 626-443-9491

*The El Monte-Rosemead Adult School offers the following courses:  
Beginning Machinist, Advanced Machinist, C.N.C. Lathe and Milling  
Machinist, and Electronics Assembler.*

### **EL RANCHO ADULT SCHOOL**

#### **Arc & Gas Welder**

6501 S. Passons Blvd.  
Tel: 562-801-5009  
Pico Rivera, CA 90660

*The Arc & Gas Welder introduces the basic fundamentals of oxy-acetylene  
and arc welding with emphasis placed on safety. It covers basic setting up,  
relative shop tools, torch and arc operation, brazing flame cutting and  
procedures for flat and horizontal welding.*

### **GLENDALE COMMUNITY COLLEGE**

#### **The Center for Applied Competitive Technology (CACT)**

1500 N. Verdugo Rd. Dean: Ken Patton  
Glendale, CA 91208  
Tel: 818-240-1000 x5155  
E-mail: kpatton@gleendale.edu  
Web site: <http://www.glendale.cc.ca.us>

*The Center serves small to mid-size manufacturers and technology-related  
businesses providing the following services:*

- Access to new manufacturing technologies in a state-of-the-art lab
- Resolution of specific manufacturing problems
- Workforce assessment and training
- Total Quality Management consulting

*The College also offers customized training and consulting services.  
Programs are designed to meet the company's needs and can be brought on-  
site for added convenience. The programs offered leading to an A.S. degree  
are Drafting/Electro-Mechanical Design, Machine and Manufacturing*

*Technology – Machinist Option, Manufacturing Engineering, and Welding,  
Occupational (Combination Welder). Certificate programs include  
Computer Aided Manufacturing, Computer Numerical Control Technician,  
Drafting/Electro-Mechanical Fabrication Technician, Electronics and  
Computer Technology, Machine and Manufacturing Technology –  
Machinist or Manufacturing Technician Option, Manufacturing  
Engineering, and Welding, Occupational (Combination Welder).*

### **HACIENDA LA PUENTE ADULT EDUCATION**

#### **Manufacturing Technology**

15959 E. Gale Ave.  
P.O. Box 60002  
City of Industry, CA 91716  
Tel: 626-968-4638  
Web site: <http://www.hlpusd.k12.ca.us>

*The Hacienda La Puente Adult Education offers the following  
Manufacturing Technology courses: Machinist/Machine Operator & CNC,  
Combination Welder, Warehouse Worker/Light Truck Driver, Electronic  
Assembler, and Hybrid Microelectronics and Intra Ocular Lens Assembler.*

### **LOS ANGELES ORT TECHNICAL INSTITUTE (LAORT)**

#### **Computer Aided Design and Drafting (CADD)**

Main Campus:	Sherman Oaks Campus:
6435 Wilshire Blvd.	15130 Ventura Blvd.
Los Angeles, CA 90048	Sherman Oaks, CA 91403
Tel: 323-966-5444	Tel: 818-382-6000
Fax: 323-966-5455	Fax: 818-788-3997
Web site: <a href="http://www.laort.com">http://www.laort.com</a>	

*The Institute's CADD Program is designed to prepare students in computer  
aided drafting with no prior computer experience, to become proficient  
entry level CADD operators using the AutoCAD Program. The Program  
covers all of the corresponding 2D CADD functions for traditional drafting,  
as well as advanced 3D modeling, now made available by CADD. You will  
generate actual CADD work for the preparation of portfolio drawings, in  
your individual specialty for use in securing employment in the CADD  
industry. Finally, you are introduced to advance CADD concepts and  
programming for the customization of AutoCAD.*

## **LOS ANGELES PIERCE COLLEGE**

### **Industrial Technology Department**

6201 Winnetka Ave.

Woodland Hills, CA 91371

Tel: 818-347-0551

Fax: 818-710-9844

Web site: <http://www.lapc.cc.ca.us>

Dept. Chair: Ron Smetzer

*The Pierce College Industrial Technology Department offers associate degrees and certificates in machine shop, computer numerical control, drafting/CAD, automotive technology, wood technology, and welding.*

## **LOS ANGELES TRADE TECHNICAL COLLEGE**

### **Manufacturing Technology Department**

400 W. Washington Blvd.

Los Angeles, CA 90015-4181

Tel: 213-763-7000

TDD: 213-763-5375

Fax: 213-763-7331

Web site: <http://www.lattc.cc.ca.us>

*Los Angeles Trade-Technical College offers an associate in science degree in machine shop/CNC. The program provides students training in the traditional, hand controlled tools of the machinist as well as the sophisticated skills of computer assisted design (CAD) for drawings and computer assisted manufacturing (CAM) to control production machinery. Also available is the Machine Shop/CNC Tech Prep degree program that begins in high school, progresses to an associate of science degree at LA Trade-Tech, and concludes at Cal State L.A. where a bachelor's degree is awarded.*

## **MT. SAN ANTONIO COLLEGE**

### **Applied Technology**

1100 N. Grand Ave.

Walnut, CA 91789

Tel: 909-594-5611 x4750

Web site: <http://www.mtsac.edu>

Dean: John Heneise

*Mt. SAC offers A.S. degree in the following manufacturing-related programs: Computer Integrated Manufacturing (CIM), Electronics*

*Engineering Technology, Engineering Design Technology, Manufacturing Technology, and Welding. Certificate Programs in Computer Systems Technology, Electronic Communications, Electronics Technician, Industrial Electronics, and the programs listed in A.S. degrees.*

*Mt. SAC offers customized training and consulting services through The Training Source. Programs are designed to meet the company's needs and can be brought on-site for added convenience.*

## **PASADENA CITY COLLEGE**

### **Engineering & Technology Division**

1570 E. Colorado Blvd.

Pasadena, CA 91106

Tel: 626-585-7681

Web site: <http://www.paccd.cc.ca.us>

Division Dean: Robert Navarro

*PCC offers the following manufacturing-related programs: Computer Aided Technical Modeling & Animation, Drafting – Engineering Design Technology, Electrical Technology, Electronics – Computer Technology, Electronics Technology, Engineering, Engineering Technology, Machine Shop Technician, Welding – Metal Processes Technology, Welding – Metal Processes Technology: Gas Tungsten & Metal Welding, and Welding – Construction, Aerospace & Pipe Welding.*

*PCC also offers customized training and consulting services through their Corporate Connection. Programs are designed to meet the company's needs and can be brought on-site for convenience.*

## **POMONA UNIFIED SCHOOL DISTRICT – ADULT & CAREER EDUCATION**

### **Manufacturing Technology**

1515 W. Mission Blvd.

Pomona, CA 91766

Tel: 909-469-2333 x333

Program Coord: Karen Brown

*The Adult and Career Education in Pomona Unified School District offers the following Manufacturing Technology courses: Combination Welder Arc and Gas Welder, Electronics Technician & A+ Certification Preparation, Machinist/CNC, and Woodworking Machine Operator.*

**RIO HONDO COLLEGE****Technology**

3600 Workman Mill Rd.

Dean: Tim McGrath

Whittier, CA 90601

Tel: 562-692-0921 x3940

Web site: <http://www.rh.cc.ca.us>

*Rio Hondo College offers the following degree/certificate manufacturing-related programs: AutoCAD Computer Assisted Drawing Technician, Computer Assisted Design and Engineering Drawing, Technical Computer Assisted/Design and Engineering Drawing, Electronics Technology, and Welding Technology. Rio Hondo also offers customized training and consulting services. Programs are designed to meet the company's needs and can be brought on-site for convenience.*

**SAN GABRIEL VALLEY COMMUNITY ADULT SCHOOL****Combination Welder**

801 S. Ramona St.

Contact: Jennifer Schulz Mitchell

San Gabriel, CA 91776

Tel: 626-308-2319

*This course includes the basic principles and practice of forming metals with the operation and use of oxy-acetylene, electric arc welding equipment, fusion welding of steel, iron, aluminum, brazing and layouts, and some sheet metal layout and construction.*

**Petroleum****UNIVERSITY OF SOUTHERN CALIFORNIA (USC)****Petroleum Engineering**

University Park

Director: Dr. Iraj Ershaghi

Los Angeles, AC 90089

Tel: 213-740-0322

Fax: 213-740-0324

Web site: <http://www.usc.edu/dept/peteng>

*USC's Petroleum Engineering program is one of the oldest in the country with considerable industry support and interaction. Its assets are numerous – the advantages of a relatively small, friendly program, combined with the University's impressive academic and research facilities; its proximity to major oil fields in California, providing an excellent setting for field visits;*

*and a quality education provided by experienced and nationally renowned faculty. Research in Petroleum Engineering includes: Fluid Flow Through Porous Materials, Vapor-Liquid Flow in Porous Media, Enhanced Oil Recovery, Petrophysical Properties, Reservoir Modeling, Economics of Petroleum Engineering, Geothermal Research, Well Tests Analysis of Naturally Fractured Reservoirs, Gas Engineering, and Optimal Development Plans.*

**Telecommunications / Fiber Optics****CENTER FOR TELECOMMUNICATIONS MANAGEMENT (CTM)  
USC MARSHALL SCHOOL OF BUSINESS**

Davidson Conference Center, Suite 217

Los Angeles, CA 90089

Tel: 213-740-0980

Fax: 213-740-1602

Web site: <http://www.marshall.usc.edu/ctm>

*Founded in 1985, the Center for Telecommunications Management is associated with the Marshall School of Business at the University of Southern California (USC), and is dedicated to the delivery of quality management education programs and relevant research involving the telecommunications convergence industry. CTM is committed to:*

- *Bringing together industry decision-makers with members of the academic community in a nonpartisan forum for discussion and learning, where each can contribute to, and benefit from, others' expertise.*
- *Providing members and clients with an ethical and unbiased forum where industry problems may be discussed free from political agenda or technical bias.*
- *Providing an objective platform where industry issues may be defined, understood, and expanded, and where responses to individual and collective industry challenges may be discussed.*
- *Providing research and management education programs that furnish the tools and skills our sponsors and clients need to enhance productivity, efficiency, performance, and value.*

**DEVRY INSTITUTES**  
**Telecommunications Management**

Pomona:

901 Corporate Center Dr.  
 Pomona, CA 91768  
 Tel: 909-622-8866

Dean: Dr. David Hull

Web site: <http://www.pom.devry.edu>

Long Beach:

3880 Kilroy Airport Way  
 Long Beach, CA 90806  
 Tel: 562-427-4162

Web site: <http://www.lb.devry.edu>

West Hills:

22801 Roscoe Blvd.  
 West Hills, CA 91304  
 Tel: 818-713-8111

Web site: <http://www.wh.devry.edu>

*Devry's Telecommunications Management program integrates technology and business management coursework, enabling graduates to analyze communications needs, provide effective solutions and fill a critical niche in business organizations. Students gain technical understanding in data and voice networking, and their strategic application in business.*

**Electronics and Computer Technology**

Dean: Amir Nilipour Ed.D.

*Devry based its Electronics and Computer Technology program on fundamentals of the technology driving today's systems, which includes telecommunications, wireless, computers, controls, and instrumentation. Education-related career areas include: telecommunications systems installation/maintenance, wireless communication systems installation/maintenance, and computer network installation/maintenance among others.*

**ICC**

**Installer Certification**

16800 Edwards Rd.  
 Cerritos, CA 90703  
 E-mail: [csr@icc.com](mailto:csr@icc.com)

Tel: 562-356-3111

Fax: 562-356-3100

Web site: <http://www.icc.com>

*ICC offers one-day comprehensive Installer Certification Seminars where installers receive: a select review of current industry standards, learn the*

*latest cable network installation technologies, and hands-on training on ICC's latest network connectivity solutions.*

*Installers, who successfully complete this one-day course, become ICC-Certified, giving them industry credentials and increasing the marketability of their company.*

**MT. SAN ANTONIO COLLEGE**

**Telecommunications**

1100 N. Grand Ave.  
 Walnut, CA 91789

Tel: 909-594-5611 x4720

Web site: <http://www.mtsac.edu>

Dept. Chair: Philip Barnhart

*The Telecommunications Certificate program is intended to prepare students to work with microcomputer networks and communication systems. Courses include: Computer Information Systems, Systems Analysis and Design, Telecommunications, Novell Netware Systems Administration, and Client/Server Architecture among others.*

**MT. SIERRA COLLEGE**

**Telecommunications Technology**

101 E. Huntington Dr.  
 Monrovia, CA 91016

Tel: 626-873-2100

Fax: 626-359-5528

Web site: <http://www.mtsierra.com>

*The Telecommunications Technology program includes management of networking systems, computer networking, C++ language, Internet/Intranet design, wireless technologies and project management. Mt. Sierra College is recognized to give BICSI Cabling Apprentice, Installer and Technician examinations training. Students are prepared for careers in network administration, telecommunications systems analysis and management, information management, and network and traffic engineering.*

## **RWM FIBER OPTICS**

### **Fiber Optic Broadband Technician**

16627 S. Avalon Blvd.

Dean: Philip Sheckler

Carson, CA 90746

Tel: 310-769-0968

Web site: <http://www.rwm.org>

*RWM Fiber Optics provides career training as a fiber optic broadband technician which includes Category 5/6, telephone and network cabling, as well as short courses for industry. RWM Fiber Optics has been licensed by the State of California as a private postsecondary vocational school since 1994. The 100 hour fiber optic broadband technician certificate program is taught by leaders in the fiber optics field. All trainers are state certified. RWM can also provide on-site short term training to meet industry needs. It offers a Job Center that deal with Telecommunications positions for its graduates.*

## **SANTA MONICA COLLEGE**

### **WORKFORCE & ECONOMIC DEVELOPMENT**

#### **Telecommunication/Cable Installation**

1660 Stewart St.

Santa Monica, CA 90403

Tel: 310-434-3566

Web site: <http://www.smc.edu/workforcedevelopment>

*Offering vocational instructions toward Healthcare, Technology and Administration Industries.*

## **Other Technology Industries**

## **CLAREMONT GRADUATE UNIVERSITY**

### **School of Information Science**

130 E. Ninth Street

Director: Dr. Lorne Olfman

Claremont, CA 91711

Tel: 909-621-8209

Fax: 909-621-8564

Web site: <http://www.cgu.edu/is>

*The mission of the School of Information Science is to teach and research in the field of the Management of Information Systems. They educate researchers in studying the diverse aspects of the impacts of technology on organizations and society. The program will offer an MS degree in Electronic Commerce (MSEC). The Program is designed for both full-time and part-time students who want to supplement a current career or provide a new career opportunity in the field of electronic commerce. In addition, the school also offers MS degrees in Information Systems and Management Information Systems, and Ph.D. in Management Information Systems.*

## **LOS ANGELES VALLEY COLLEGE**

### **The Media Arts Academy**

5800 Fulton Ave.

Valley Glenn, CA 91401

Dept. Chair: Joseph Daccurso

Tel: 818-947-2354

Fax: 818-947-2610

Web site: <http://www.lavc.edu>

*The Media Arts Department consists of the 3 curricula disciplines of Cinema (Motion Pictures), Broadcasting (TV/Radio), and Media Arts (Digital Media) which offers both A.A. degrees (transferable to most 4yr. Institutions) and professionally recognized Occupational Certificates. In addition to the traditional academic lecture/seminar and screening/critique courses, out programs offer a wide array of "hands on" production workshops in most areas of pre-thought post-production for film /video/mixed-media, covering the process "from script to screen and creative idea to distribution". Offering day /evening/weekend courses, as well as partnering with our related campus disciplines of Commercial Music/Recording Arts, Journalism/Photojournalism, Computer Sciences, Theatre Arts, etc. We are in the process of building a new multi-story, state*

*of the art Media Arts Academy complex, to serve academia and our local film/TV/media arts industry professionals.*

### **LOYOLA MARYMOUNT UNIVERSITY (LMU)**

#### **Recording Arts**

7900 Loyola Blvd. Dean: Thomas P. Kelly  
Los Angeles, CA 90045  
Tel: 310-338-2737  
Fax: 310-338-3030  
Web site: <http://www.lmu.edu/colleges/cfa/comm/RECA>

*This program is equally spread between film/television sound and music engineering/production emphasis. Students explore the theoretical and practical elements of sound recording, reproduction, and design. Students are educated about sound behavior, reproduction and modification. They also learn audio engineering techniques as they apply to film/television sound and music recording. A Bachelor's degree is awarded upon completion of the program.*

### **MT. SIERRA COLLEGE**

#### **Computer Information Technology**

101 E. Huntington Dr.  
Monrovia, CA 91016  
Tel: 626-873-2100  
Fax: 626-359-5528  
Web site: <http://www.mtsierra.com>

*The Computer Information Technology program covers current programming languages (Java, C++, Visual Basic, SQL and others), operating systems, Oracle SQL database management, networking technologies, Web design and project management.*

#### **Multimedia Technology**

*The Multimedia Technology program covers the disciplines of computer graphic design and digital video presentation. Skills learned include: HTML programming, desktop publishing and design, Web authoring tools, 3-D modeling and advanced motion graphic techniques. Students are prepared for careers in static and multimedia design, audio/visual production, video programming, and animation using industry-based standards.*

### **OCCIDENTAL COLLEGE**

#### **Film & New Media Production**

Visual Arts Department Dept. Chair: Dr. Louise Yuhas  
1600 Campus Road  
Los Angeles, CA 90041  
Tel: 323-259-2749  
Fax: 323-259-2930  
Web site: <http://www.oxy.edu/oxy/academia/departments/art.history.htm>

*The curriculum explores the range of approaches in film, and new media as innovative art forms including documentary, narrative, experimental film, installation and internet media. Students will learn how to master technologies including 16mm sync sound; digital non-linear post-production applications including AVID, EditDV and ProTools.*

### **OTIS COLLEGE OF ART AND DESIGN**

#### **Digital Media Department**

9045 Lincoln Blvd.  
Los Angeles, CA 90045 Dept. Chair: Harry Mott  
Tel: 310-665-6800 No. of Students: 80  
Fax: 310-665-6821  
Web site: <http://www.otisart.edu>

*Otis College of Art and Design offers an undergraduate degree in Digital Media that focuses on visual effects, broadcast design, and motion graphics in general. The program balances traditional art and technology by providing an understanding of digital tools and their creative application.*

### **PASADENA CITY COLLEGE**

#### **Interactive Multimedia Design**

Art Division Division Dean: Linda Malm  
1570 E. Colorado Blvd.  
Pasadena, CA 91106  
Tel: 626-585-7238  
Web site: <http://www.paccd.cc.ca.us>

*The curriculum prepares the students to enter the interactive multimedia design industry as an entry-level designer and/or multimedia technician. The program stresses the creative process as well as the professional and production methods used currently in industry. Projects will emphasize*



*content development, interface and information design, authoring environments, programming for multimedia, and repurposing and output of materials to various platform and delivery systems including video-CD-ROMs, portable disks, and the World Wide Web. A Certificate of Achievement is awarded upon completion of the program.*

### **SANTA MONICA COLLEGE**

#### **Academy of Entertainment & Technology**

1900 Pico Blvd. Dean: Katharine Muller  
 Santa Monica, CA 90405  
 Tel: 310-434-3701  
 Fax: 310-434-3709  
 Web site: <http://www.smc.edu>

*The Academy of Entertainment & Technology opened in the fall of 1997 at Santa Monica College. The Academy trains students in computer animation, visual effects, new media, theme entertainment, and entertainment industry business skills. The Academy has been shaped and designed by collaboration between Santa Monica College, major studios, and related entertainment companies.*

### **THE FILM MUSIC INSTITUTE**

350 n. Glenoaks Blvd., Suite 201  
 Burbank, CA 91502  
 Tel: 818-729-9500  
 Fax: 818-729-9535  
 Web site: <http://www.filmmusicinstitute.com>

*The Film Music Institute's sole focus is on music for film, television and multimedia exclusively. The courses are updated regularly and feature the latest information, technology, and techniques being used in the industry today. The Institute integrates the use of leading audio and computer technology throughout the courses, and emphasizes hands-on, practical exercises as part of every course. The facility includes digital audio and video, digital samplers, and a complete working film and television music studio integrated into the course room.*

### **UNIVERSITY OF CALIFORNIA, LOS ANGELES (UCLA)**

#### **Center for Digital Innovation**

405 Hilgard Ave., Box 951567  
 Los Angeles, CA 90095-1567  
 Tel: 310-825-1793 Director: Maha Ashour-Abdalla  
 Fax: 310-206-3051  
 Web site: <http://www.cdi.ucla.edu>

*The Center for Digital Innovation (CDI) is a university-wide resource established to deliver digital information and to examine its likely effects on society. This includes the investigation, development, and integration of new digital technologies that enhance multimedia communication. CDI offers a Master of Advanced Study in Digital Media and multimedia training workshops. The CDI is also a Java Academy authorized center.*

### **UNIVERSITY OF SOUTHERN CALIFORNIA (USC)**

#### **Film, Video, and Computer Animation Program**

School of Cinema-Television Dean: Elizabeth Daly  
 University Park  
 Los Angeles, CA 90089  
 Tel: 213-740-3985  
 Fax: 213-740-5869  
 Web site: <http://www.cntv.usc.edu>

*This graduate program stresses hands-on coursework where students learn the aesthetics, techniques and historical evolution of classical and experimental animation, and master the latest computer animation technology. Workshops in life drawing and computer software are also available. Hanna-Barbera, Warner Bros., Intel, Nickelodeon, and Silicon Graphics currently sponsor the program.*

### **Integrated Media System Center (IMSC)**

School of Engineering  
 University Park Director: Dr. Ulrich Neumann  
 Los Angeles, CA 90089-2561  
 Tel: 213-740-9813  
 Fax: 213-740-8913  
 Web site: <http://www.usc.edu/dept/engineering>

*IMSC was funded by the National Science Foundation in 1996. In addition to research, the Center has an education and outreach mission. Educational workshops, retraining programs and minority recruitment programs are also integral parts of IMSC's program. Certificate programs in Multimedia have been created with the sponsorship of the City of Los Angeles Private Industry Council and in partnership with the State of California's ETP program. The center also offers Master's degree in Integrated Media Systems, Electrical Engineering with specialization in Multimedia and Creative Technologies, and Computer Science.*

#### **Computer Graphics and Immersive Technologies (CGIT)**

Director: Ulrich Neumann  
E-mail: [uneuman@usc.edu](mailto:uneuman@usc.edu)  
Web site: <http://graphics.usc.edu/cgit>

*The Computer Graphics and Immersive technologies (CGIT) laboratory supports research and development efforts related to interactive computer graphics and immersive technologies. Activities in the lab range from fundamental algorithms and mathematical methods to systems and applications development. The construction of prototype and demonstration systems helps identify critical problems and evaluate solutions in a realistic setting. Students also gain interdisciplinary experience and an enhanced appreciation for the interplay between basic science research and systems development.*

#### **Institute for Creative Technologies (ICT)**

USC Information Sciences Institute  
4676 Admiralty Way, Suite 1001  
Marina del Rey, CA 90292-6695  
Tel: 310-822-1511 Managing Director: David Wertheimer  
Fax: 310-823-6714  
Web Site: <http://www.isi.edu/uarc.html>

*The United States Army and the University of Southern California (USC) have joined to establish the USC Institute for Creative Technologies (ICT) that will develop state-of-the-art modeling and simulation technologies for the military and educational purposes. The basic research will cover six areas: simulated "immersion" by users in the technological experience; networking and databases; story; characters; setup; and direction. Applied research will be organized around a small number of long-term themes such*

*as simulating futuristic "Army After Next" forces. Researchers from the USC School of Cinema-Television, the USC School of Engineering and USC's Annenberg School for Communication will collaborate with the entertainment industry in the interdisciplinary research program.*

#### **Center For Advanced Transportation Technologies (CATT)**

University of Southern California  
3740 McClintock Ave. EEB 200 Director: Dr. Petros Ioannou  
Los Angeles, CA 90089-2562 No. of Students: 25  
Tel: 213-740-4452 2002-2003 graduates: 3  
Fax: 213-740-4418  
Web site: <http://www.usc.edu/dept/ee/catt/index.html>

*The Center for Advanced Transportation Technology (CATT) is the focal point for transportation research at the University of Southern California. CATT's mission is to perform high-impact research on urgent transportation issues in cooperation with industry and government. Its main focus is on the use of advanced technologies for making current and future defense and commercial transportation infrastructure more efficient. It merges policy and technical analyses and targets the problems associated with surface, air, and marine transportation.*

### **Public & Private Assistance**

#### **Federal Assistance**

#### **NATIONAL AERONAUTICS AND SPACE ADMINISTRATION (NASA)**

##### **Far West Regional Technology Transfer Center (RTTC)**

3716 S. Hope St., Ste. 200  
Los Angeles, CA 90007-4344  
Tel: 800-642-2872  
Fax: 213-746-9043  
E-mail: [ettc@usc.edu](mailto:ettc@usc.edu)  
Web site: <http://www.usc.edu/dept/engineering/TTC>

*Located within the University of Southern California (USC), RTTC is a NASA-supported center that transfers existing federally funded technologies and ideas to the private sector. The Center provides industry the technical and business information it requires during the production of product innovations, which will sustain our country's leadership position in the increasingly competitive world marketplace.*

#### State-wide Assistance

#### **CALIFORNIA MANUFACTURING TECHNOLOGY CONSULTING (CMTC)**

1149 W. 190<sup>th</sup> St., Ste.2014  
Gardena, CA 90248  
Phone 1: (800) 300-2683(CA only)  
Phone 2: (310) 263-3060  
Fax: (310) 263-3062  
Web Site: <http://www.cmtc.com>

- *The California Manufacturing Technology Consulting (CMTC) was established in 1992 to assist small and medium-sized manufacturers (SMMs) in California grow and improve their operational efficiencies and global competitiveness. Our mission is to provide consulting services to California's hi-tech and traditional SMMs to build successful businesses that grow the economy. CMTC provides consulting services in the areas of Strategic Business Services, Information Technology Services, Quality Management Services and Lean Enterprise Services and Supply Chain Management.*

#### Regional Assistance

#### **CALIFORNIA INSTITUTE OF TECHNOLOGY**

##### **Caltech Industrial Relations Center**

Industrial Relations Center, 1-90  
Pasadena, CA 91125  
Tel: 626-395-4041  
Fax: 626-795-7174  
E-mail: [excedu@caltech.edu](mailto:excedu@caltech.edu)  
Web site: <http://www.irc.caltech.edu>

*The Caltech Industrial Relations Center provides executive education programs, which focus on strategic and competitive issues in technology-based organizations. The Center's intensive short courses and membership forums address topics such as technological innovation, time to market, business process improvement, and customer focus. Programs for managers build skills in leading groups, managing projects, organizing teams and improving systems and processes. The executive management programs are continually revised and updated to incorporate new and emerging trends.*

#### **CalTech/MIT Enterprise Forum**

Industrial Relations Center  
383 S. Hill Avenue 1-90  
Pasadena, CA 91106  
Ph: 626/395-3916  
Fax: 626/795-7174  
Web site: <http://entforum.caltech.edu/>

*The mission of the CalTech/MIT Enterprise Forum is to encourage the growth and success of technology-based entrepreneurial ventures in Southern California. Through its monthly programs the Forum provides advice, support, education, and networking opportunities to technology-based ventures in the Southern California area. Programs address range of entrepreneurial issues from financing, marketing, and business planning to executive leadership and staffing*

**BUSINESS TECHNOLOGY CENTER OF LOS ANGELES COUNTY  
Southern California Edison Resource Library**

2400 N. Lincoln Ave.  
Altadena, CA 91001  
Tel: 626-296-6300  
Fax: 626-296-6301  
E-mail: [info@labtc.org](mailto:info@labtc.org)  
Web site: <http://www.labtc.org>

*Southern California Edison established a resource library at the Business Technology Center of Los Angeles, a non-profit business incubator created to give high technology firms the tools for success. The Business Technology Center was designed to nurture start-up and spin-off high technology firms.*

**LOS ANGELES REGIONAL TECHNOLOGY ALLIANCE (LARTA)**

714 West Olympic Blvd., Suite 750  
Los Angeles, CA 90089-7727  
Tel: 213-744-1314  
Fax: 213-744-1791

**Orange County Office:**

2 Peters Canyon Road  
Second floor  
Irvine, CA 92606  
E-mail: [mail@larta.org](mailto:mail@larta.org)  
Web site: <http://www.larta.org>

*LARTA provides a highly specialized business assistance consulting service with a focus on young, technology-based ventures and works to support the development, commercialization and formation of new business industries. Their programs include Global Technology Partners, a collaborative project with economic development organizations worldwide to link entrepreneurs to partners and investment opportunities; Southern California Technology Venture Forum, presented with LAEDC to profile pre-mentored young companies before an audience of private investors; and GlobalCalifornia (<http://www.globalca.com/>), a transaction-oriented web site.*

*LARTA maintains a database of some 13,000 firms and disseminates information regarding available technologies, university research, grant programs, potential financing and strategic partnering.*

**SOFTWARE COUNCIL OF SOUTHERN CALIFORNIA**

2461 208<sup>th</sup> St., Suite 202  
Torrance, CA 90501  
Tel: 310-328-0043  
Fax: 310-224-1993  
E-mail: [info@scsc.org](mailto:info@scsc.org)  
Web site: <http://www.scsc.org>

*The Software Council of Southern California is a non-profit trade association comprised of software development companies, as well as companies that provide support and services to the local software industry. The Council voices the concerns of the software, multimedia and Internet industries in Southern California and serves as a clearinghouse for industry information. The Council brings together people and information to strengthen member companies and to enhance the business climate for the growth and quality of the software industry.*

**TECH COAST VENTURE NETWORK**

1405 Warner Ave.  
Tustin, CA 92780  
E-mail: [tcvn2@aol.com](mailto:tcvn2@aol.com)  
Web site: <http://www.tcvn.org>  
Tel: 714-258-8347  
Fax: 714-258-8391

*The Tech Coast Venture Network is a non-profit organization that brings together users and providers of resources for new and emerging businesses. Such resources include public accounting, banking, intellectual property protection, funding, marketing, sales, publishing strategic planning, administrative, and sources of professional information and government resources. The Tech Coast Venture Network holds a minimum of ten public Forums per year that are held on the fourth Thursday of each month.*

### **Associations / Special Interest Groups**

#### **AMERICAN ELECTRONICS ASSOCIATION (AeA)**

##### **Los Angeles/Santa Barbara Council**

21300 Victory Blvd., Suite 680

Woodland Hills, CA 91367

Tel: 818-226-3800

Fax: 818-226-0400

Web site: <http://www.aneanet.org/AeACouncils/LACouncilStart.asp>

*The Los Angeles/Santa Barbara Council of AeA covers the area including San Luis Obispo County, Santa Barbara County, Ventura County, Los Angeles County, San Bernardino County and Las Vegas, NV. AeA represents a diverse array of technology companies that include aerospace defense, wi-fi, semiconductor, photonic equipment, software, hardware, service providers, data collection and storage, electronics, computers, telecommunications, and medical devices. AeA serves their members through advocacy, training, research, and business services.*

#### **ELECTRONICS REPRESENTATIVES ASSOCIATION SOUTHERN CALIFORNIA (ERA)**

15186 Normandie Ave.

Irvine, CA 92604

Tel: 949-551-5200

Fax: 949-551-1162

E-mail: [info@erascal.org](mailto:info@erascal.org)

Web site: <http://www.erascal.org>

*The ERA Southern California Chapter offers many activities and resources such as professional seminars, business and sales training, regional trade shows, a weekly e-mail newsletter, the ERA Today newsletter, and much more. The Southern California territory stretches from Central California through Orange County and the desert counties into Southern Nevada. Many Southern California reps also have extensive business operations in San Diego and Mexico.*

#### **SMALL MANUFACTURERS ASSOCIATION OF CALIFORNIA (SMA)**

##### **Southern California office**

1603 Don Carlos Ave.

Glendale, CA 91208

Tel: 818-242-7658

Fax: 818-240-5441

Web site: <http://www.smac.org>

*SMA represents approximately 800 small- and medium-sized manufacturing companies' throughout California. SMA provides advocacy and other benefits for its members, which is primarily made up of durable goods manufacturers.*

#### **WEBGRRLS**

##### **Los Angeles Chapter**

Tel: 877-378-9191 ext. 355

E-mail: [losangeles-ca@webgrrls.com](mailto:losangeles-ca@webgrrls.com)

Web site: [http://www.webgrrls.com/losangeles\\_ca](http://www.webgrrls.com/losangeles_ca)

*Webgrrls-LA is the Los Angeles Chapter of Webgrrls International (WGI), the largest networking organization for women in new media in the world. WGI has over 20,000 members in places such as Hong Kong, Tokyo, Sydney, Capetown, Milan, Berlin, Canada, and all over the USA. Los Angeles Chapter members enjoy the benefits of global as well as local networking, monthly speaker meetings, monthly skills workshops, monthly social/networking events, weekly topic chats, and an active and friendly listserv where they can get answers to their technical, design and career questions. Webgrrls-LA currently includes all Southern California Webgrrls residing in the following counties: Ventura, San Bernardino, Santa Barbara, Los Angeles, Riverside, and Orange.*

## **ASSOCIATION OF INTERNET PROFESSIONALS (AIP)**

### **Los Angeles Chapter**

9200 Sunset Blvd., Ste. 710

Los Angeles, CA 90069

Tel: 310-724-6636

Web site: <http://www.la.us.association.org>

*The Association of Internet Professionals (AIP) is the largest professional organization in the US for Web developers and Internet service providers. The mission of AIP-LA is to empower Southern California Internet professionals to maximize their success in the Internet industry. The organization serves as a networking and skills exchange resource for Web site developers and digital graphic artists. The goal of AIP-LA is to nurture the development of the New Media industry and provide both professional and social contacts for area Web developers.*

## **INTERNATIONAL INTERACTIVE COMMUNICATIONS SOCIETY (IICS)**

### **Los Angeles Chapter**

P.O. Box 7000-817

Redondo Beach, CA 90277

Tel: 310-313-5664

Web site: <http://www.iics.org>

*The International Interactive Communications Society (IICS) provides a unique forum for interactive arts and technologies. It has seminars and special interest groups (SIGs) that provide opportunities for sharing information and presenting new ideas and products. IICS L.A. publishes the Inter.com, a monthly newsletter that provides calendar information and exciting features covering the unique blend of advertising, film, education, art and technology prevalent in the Los Angeles creative community.*

## **SOCALTECH.COM**

Web site: <http://www.socaltech.com>

*This Web site is dedicated to the high technology industry in Southern California and provides information on the companies located within the region. They are arranged according to areas the site designates as the 101 Technology Corridor, Westside, Santa Barbara, Internet Valley, and the Multimedia Gulch “technology pockets” of Los Angeles. The site also offers*

*links to resources including financing, incubators, news, and networking for start-up businesses in the high-tech industry.*

## **ASSOCIATION FOR COMPUTING MACHINERY (ACM)**

### **Los Angeles Chapter**

P.O. Box 90698

Worldway Postal Center

Los Angeles, CA 90009-0698

Tel: 310-338-2773

Web site: [http://www.acm.org/chapters/los\\_angeles](http://www.acm.org/chapters/los_angeles)

*ACM is an international scientific and educational organization dedicated to advancing the arts, sciences, and applications of information technology. ACM publishes, distributes, and archives original research and firsthand perspectives from the worlds leading thinkers in computing and information technologies. ACM offers over two dozen publications that help computing professionals negotiate the strategic challenges and operating problems of the day. The ACM and its 36 Special Interest Groups (SIGS) also sponsor over 100 conferences annually.*

## **ACADEMY OF INTERACTIVE ARTS & SCIENCES (AIAS)**

9343 Culver Blvd

Culver City, CA 90232

Tel: 310-441 2280 x111

Fax: 310-883-3196

E-mail: [academy@interactive.org](mailto:academy@interactive.org)

Web site: <http://www.interactive.org>

*AIAS is a non-profit organization dedicated to the advancement and recognition of the interactive arts and sciences. Its mission is to promote and advance the common interests in the worldwide interactive community; to recognize outstanding achievement in the creation of interactive content; and to conduct an annual awards show and enhance the image and awareness of the interactive arts and sciences.*

### **DIGITAL COAST ROUNDTABLE**

11726 San Vicente Blvd., Suite 500

Los Angeles, CA 90049

Web site: <http://www.digitalcoast.org>

Tel: 310-571-3278

Fax: 310-207-0930

*The Digital Coast Roundtable is a consortium of local new media business leaders, under the auspices of the non-profit organization, Digital Coast, Inc. It was formed to:*

- *Participate in focused public/private partnerships in order to upgrade the infrastructure and connectivity of the new media industry in Los Angeles.*
- *Help to focus and support efforts to improve LA's educational infrastructure in order to develop a first class technical and creative workforce.*
- *Address the availability of capital and financial resources to support the growth of the new media industry in LA.*

### **INTERNET PROFESSIONAL NETWORK (iProNetwork)**

12807 Borden Ave.

Sylmar, CA 91342

Tel: 818-362-9235

Fax: 818-367-9673

Web site: <http://www.ipronetwork.org>

*The Internet Professionals Network is the largest professional organization in Southern California for people making their living in Internet technologies. The mission of the iProNetwork is to help Internet professionals achieve their potential by bringing together a diverse set of experts in the world's fastest growing industry. The organization serves as a networking and exchange resource for a wide range of skills required to build Internet solutions. This includes web site developers, Internet marketing/PR, graphics professionals, content providers, ISP's, legal and management personnel, and many other proficiencies required to compete in a complex marketplace.*

### **INTERNET SOCIETY (ISOC-LA)**

1775 Wiehle Ave., Suite 102

Reston, VA 20190

Web site: <http://www.isoc.org>

Tel: 703-326-9880

Fax: 703-326-9881

*The Internet Society is the international organization for global cooperation and coordination for the Internet and its internetworking technologies and applications. Its principle purpose is to maintain and extend the development and availability of the Internet and its associated technologies and applications-both as an end in itself, and as a means of enabling organizations, professions, and individuals worldwide to more effectively collaborate, cooperate, and innovate in their respective fields and interests.*

### **SOCIETY FOR TECHNICAL COMMUNICATION**

#### **Los Angeles Chapter**

P.O. Box 91400

Los Angeles, CA 90009

Tel: 213-896-2982

Web site: <http://www.lastc.org>

*STC is an individual membership organization dedicated to advancing the arts and sciences of technical communication. The mission of the Society for Technical Communication is to improve the quality and effectiveness of technical communication for audiences worldwide. The STC also sponsor an annual conference that will further their members' knowledge in the technical field.*

### **WOMEN'S NEW MEDIA ALLIANCE (WNMA)**

P.O. Box 642628

Los Angeles, CA 90064

Tel: 310-712-5658

Fax: 887-602-9775

Web site: <http://www.wnma.org>

*WNMA is a non-profit corporation that provides mentoring, education and support for women in new media, with a view towards advancing their careers and their roles within the industry. WNMA will focus on career development by means of continuing education, networking, mentoring and job opportunities.*

### **TECH COAST ALLIANCE**

2111 Business Center Drive, Suite 210  
Irvine, CA 92612  
Tel: 949-442-0200  
Fax: 949-442-0244  
E-mail: [info@techcoast.com](mailto:info@techcoast.com)  
Web site: <http://www.techcoast.com>

*The mission of the Tech Coast Alliance is to serve as Southern California's leadership organization, by providing a communication platform for business, education, government, and community leaders to achieve a common set of goals. Through regional collaboration and an integrated set of marketing and communication tools, the Alliance will indelibly brand the broad coastal plain from Santa Barbara to San Diego as the "The Tech Coast", to achieve the global recognition as the center of global technology innovation.*

### **TECH COAST ANGELS**

Web site: <http://www.techcoastangels.org>

*Tech Coast Angels is a group of individuals, who invest in and assist early-stage, Southern California companies. The group generally funds seed or start-up businesses with capital needs of less than \$1 million, which they believe have the potential to become substantial national or international enterprises.*

### **PETROLEUM TECHNOLOGY TRANSFER COUNCIL (PTTC)**

West Coast Resource Center, HED - 306  
University of Southern California (USC)  
Los Angeles, CA 90089  
Tel: 213-740-8076  
Fax: 213-740-7982  
Web site: <http://www.westcoastpttc.org>

*The PTTC was formed in 1994 by the U.S. oil and natural gas exploration and production (E&P) industry to identify and transfer upstream technologies to domestic producers. PTTC's technology programs help producers reduce costs, improve operating efficiency, increase ultimate recovery, enhance environmental compliance, and add new reserves. PTTC is an industry-directed, regionally-focused not-for-profit organization with*

*programs that meet the technology needs of its primary customers – independent producers.*

*Through its ten regions, PTTC offers expert assistance, information resources, inter-disciplinary referrals, and demonstrations of E&P software. Technology workshops cover the full spectrum of PTTC's five program lines: exploration, drilling and completion, development and reservoir, operations and productions, and environmental issues.*

### **SOCIETY OF PETROLEUM ENGINEERS (SPE)**

#### **L.A. Basin Section**

Tel: 562-985-8181  
Web site: <http://www.laspe.org>

National mailing address:

P.O. Box 833836  
Richardson, TX 75083  
Web site: <http://www.spe.org>

Tel: 972-952-9393  
Fax: 972-952-9435

*SPE's mission is to provide the means to collect, disseminate, and exchange technical information concerning the development of oil and gas resources, subsurface fluid flow, and production of other materials through wellbores for the public benefit; and to provide opportunities through its programs for interested (and qualified) individuals to maintain and upgrade their individual technical competence in these areas.*

*SPE accomplishes this mission through an international schedule of meetings and exhibitions, periodicals, short courses, books, electronic publications, and section programs.*



## Tourism

\*Employment (4/'01): 65,922

\*Number of Establishments (4/'01): 2,731

\*Revenue (1997): \$3.7 Billion

NAICS Codes: 4871, 4872, 4879, 5615, 7121, 7131, 7211

### Education

#### **CALIFORNIA STATE POLYTECHNIC UNIVERSITY (CalPoly), POMONA**

##### **School of Hotel and Restaurant Management**

3801 W. Temple Ave.                      Dean: Dr. James Burke  
Pomona, CA 91768  
Tel: 909-869-2275  
Fax: 909-869-3808  
Web site: <http://www.csupomona.edu>

*Cal Poly Pomona offers a Bachelor of Science degree in hotel and restaurant management. The School of Hotel and Restaurant Management has been operating for over 25 years and is the largest hospitality program on the West Coast. The degree concentrates on the business management side of running a hotel or restaurant.*

#### **CALIFORNIA STATE UNIVERSITY, DOMINGUEZ HILLS Travel and Tourism**

1000 E. Victoria St.                      Program Coord.: Dr. Mary Lou Cappel  
Carson, CA 90747  
Tel: 310-243-3537  
Fax: 310-217-6946  
Web site: <http://www.csudh.edu>

*The Bachelor of Arts degree in Travel and Tourism is a challenging academic program that consists of course work in three major areas: Recreation and Leisure Studies, Business and Management, and Humanities.*

#### **COLLEGE OF THE CANYONS**

##### **Hotel & Restaurant Management Program**

26455 Rockwell Canyon Rd.                      Dept. Chair: Kevin Anthony  
Santa Clarita, CA 91355  
Tel: (661) 259-7800  
Web site: <http://www.coc.cc.ca.us>

*The Hotel and Restaurant Management program is new at College of the Canyons and is designed to prepare students for entry-level management positions within the growing hospitality industry. The college provides a two-year curriculum, which leads to an Associate of Science degree or a variety of certificate programs. Certain classes are offered online.*

#### **GLENDALE COMMUNITY COLLEGE**

##### **Hotel/Restaurant Management**

1500 N. Verdugo Rd.                      Division Chair: Frances F. Shaw  
Glendale, CA 91208  
Tel: 818-240-1000 x 5327  
E-mail: [fshaw@glendale.edu](mailto:fshaw@glendale.edu)  
Web site: <http://www.glendale.cc.ca.us>

*The Hotel/Restaurant Management certificate is designed for students interested in pursuing careers in one of the many functions of hotel or lodging operations.*

#### **LONG BEACH CITY COLLEGE**

##### **Travel/Tourism**

4901 E. Carson St.                      Dept. Chair: Romain Bertein  
Long Beach, CA 90808  
Tel: 562-938-4325  
E-mail: [rbertein@lbcc.edu](mailto:rbertein@lbcc.edu)  
Web site: <http://www.lbcc.cc.ca.us>

*The Tourism Industry Emphasis prepares students for entry-level positions who specifically want to seek employment in travel/tourism fields such as: Airlines, Car Rentals, Hotels, Motorcoach, Rail, Theme Parks, Tour Operators, Visitor & Convention Bureaus, and other related companies. The Department also offers a Travel Consultant Emphasis. An Associates Degree or a Certificate is awarded upon completion of the program.*

### **Hotel Management Certificate**

*Students learn entry and mid-level skills in the day-to-day management of all types of hotels, convention centers, cruise lines, theme parks, and resorts. Students enhance their skills in hotel management, in areas such as controller, housekeeping, auditor, banquet sales, concierge, sales and marketing, purchasing, conference sales, front office, guest services, hr, and operations.*

### **LOS ANGELES CITY COLLEGE**

#### **Transportation**

855 N. Vermont Ave. Dept. Chair: Helen Hayes  
Los Angeles, CA 90029  
Tel: 323-953-4228  
Web site: <http://www.lacc.cc.ca.us>

*The Transportation curriculum is designed to prepare students for employment with airlines, railroads, steamship lines, highway carriers, car rental companies, travel agencies, freight agencies and terminals, or with industrial or commercial companies that have traffic departments. This career program provides a broad base of subjects pertaining to the tourist and trade areas of the world, passenger-traffic and freight-traffic procedures, and travel industry management. Students who completed the curriculum are prepared for positions such as reservation agents, ticket agents, passenger service agents, airfreight agents, freight forwarders, sales representatives, travel counselors, and flight attendants.*

### **MT. SAN ANTONIO COLLEGE**

#### **World Travel Management**

1100 N. Grand Ave. Dept. Chair: Wayne Lutz  
Walnut, CA 91789  
Tel: 909-594-5611 x4774  
Web site: <http://aeronautics.mtsac.edu>

*This program prepares students for careers with travel organizations. Positions such as airline reservation agents, customer service, travel agents, sales representatives, and other travel categories are available to the student upon graduation.*

### **SANTA MONICA COLLEGE**

#### **Tourism, Hospitality and Leisure Services**

1900 Pico Blvd. Program Coord: Jo Kidd  
Santa Monica, CA 90405  
Tel: 310-434-4040  
Fax: 310-434-3626 Web site: <http://www.smc.edu>

*SMC is the only community college on the west-side of Southern California offering a comprehensive inter discipline inbound tourism, hospitality, leisure, and recreation leadership curriculum. The student will learn methods and approaches and strategies to leadership, planning, organizing, marketing, accounting, and starting leisure services business. The Educational Institute of American Hotel & Motel Association Certificates are awarded after the completion of the program.*

### **UNIVERSITY OF CALIFORNIA, LOS ANGELES (UCLA)**

#### **EXTENSION**

#### **Department of Business and Management**

10995 La Conte Ave.  
Los Angeles, CA 90024 Director: Karim Cheris  
Tel: 310-206-8120  
Fax: 310-206-7249 Web site: <http://www.unex.ucla.edu>

*The 12-course Professional Designation in International Trade and Commerce certificate program provides students with a solid understanding of the core functional areas in international business as well as specific knowledge of trade, economics, and cultural and political forces dominating the world marketplace.*

**WEST LOS ANGELES COLLEGE  
Travel Industry Training Program**

9000 Overland Ave.  
Culver City, CA 90230  
Tel: 310-287-4312  
Fax: 310-837-4062

Director: Scott Feinerman  
No. of Students: 100  
E-mail: feinners@wla.edu  
Web site: <http://www.wla.edu>

*The Travel Industry Training program of West Los Angeles College has been providing professional travel industry education for over twenty-five years. It meets regularly with travel industry leaders to shape and direct the instructional program. Two Certificates of Completion and an Associate in Arts degree may be obtained. The emphasis of the program is on operation, marketing, and sales in various types of travel organizations.*

**Associations**

**SOUTHERN CALIFORNIA BUSINESS ASSOCIATION  
Los Angeles County Hotel/Motel Group**

727 W. 7<sup>th</sup> St., Ste. 903  
Los Angeles, CA 90017

Tel: 213-452-2430  
Fax: 213-624-7222

*The Business Association concentrates on assisting the hotel industry in Los Angeles County.*

**THEMED ENTERTAINMENT ASSOCIATION (TEA)**

175 E Olive St., Suite 304  
Burbank, CA 91502  
Web site: <http://www.themeit.com>

Tel: 818-843-8497  
Fax: 818-843-8477

*The Themed Entertainment Association (TEA) is an international alliance of the world's most talented and experienced professionals in the location-based entertainment industry today. Members of the TEA have played key roles in the development and/or production of nearly all of the most successful theme parks, entertainment centers, casino/resorts, museums, etc. TEA can provide access to the best in the business from concept designers, writers, and architects to operations experts, filmmakers, set builders, audio/video system designers and full service companies who can oversee it all.*

**Airports**

**BURBANK-GLENDALE-PASADENA AIRPORT**

2627 Hollywood Way  
Burbank, CA 91505  
Phone: (818) 840-8840  
Fax: (818) 848-1173  
Web Site: <http://www.bur.com>

*The Burbank Airport, located 13 miles north of downtown Los Angeles, is the closest airport to several business centers and many Southland tourist attractions. Passenger traffic has grown 80 percent in the 1990s, with six major U.S. airlines carrying 4.6 million passengers and shipping more than 86.2 million pounds of cargo in 2002.*

**JOHN WAYNE-ORANGE COUNTY AIRPORT**

18601 Airport Way  
Santa Ana, CA 92707  
Phone: (949) 252-5200  
Fax: (949) 252-5243  
Web Site: <http://www.ocair.com>

*The John Wayne Airport is Orange County's sole commercial airport. It is located approximately 35 miles south of Los Angeles, between the cities of Costa Mesa, Irvine, Newport Beach and Santa Ana. In 2002, the airport served 7.9 million passengers. The airport hosts 4 commuter and 10 commercial carriers, providing direct service to major cities throughout the U.S. The John Wayne-Orange County Airport is also served by two cargo airlines.*

**LONG BEACH AIRPORT**

4100 Donald Douglas Dr.  
Long Beach, CA 90808-1798  
Phone: (562) 570-2678  
Fax: (562) 570-2603  
E-mail: [lgbapt@ci.long-beach.ca.us](mailto:lgbapt@ci.long-beach.ca.us)  
Web Site: <http://www.lgb.org>

*Long Beach Airport is a major transportation link for the city of Long Beach. The terminal building, which also houses a historical aviation exhibit, has been declared a cultural heritage landmark for its architectural and historical relevance. Four major commercial airlines and three cargo airlines serve the airport, with non-stop or direct flights to 12 cities throughout the U.S. connecting to over 60 destinations across the country. In 2002, over 1.5 million passengers used the facility and more than 58,607 tons of cargo passed through the airport.*

### **LOS ANGELES INTERNATIONAL AIRPORT (LAX)**

One World Way  
Los Angeles, CA 90045  
Phone: (310) 646-5260  
Fax: (310) 646-1894  
Web Site: <http://www.lawa.org/lax>

*Los Angeles International Airport (LAX) is the hub of the Los Angeles regional airport system. It is the fifth busiest airport in the world with 56 million passengers in 2002. More than 100 airlines (commercial and cargo) link Los Angeles with destinations throughout the world. Air cargo shipments totaled 1.9 million tons in 2002.*

### **ONTARIO INTERNATIONAL AIRPORT**

Terminal Building  
Ontario, CA 91761  
Phone: (909) 937-2700  
Fax: (909) 937-2702  
E-mail: [info@airports.ci.la.ca.us](mailto:info@airports.ci.la.ca.us)  
Web Site: <http://www.lawa.org>

*Ontario International Airport is located 35 miles east of downtown Los Angeles. The airport is a medium-hub, full service airport and hosts 13 commercial and commuter airlines. It has jet service to every major city in the U.S. and non-direct service to many international destinations, including Paris and London. On November 22, 2000, the United Parcel Service (UPS) was granted direct flights to China from Ontario International Airport. UPS has four weekly flights beginning April 2001, using Boeing 747 cargo aircraft. Aeromexico also announced that it would begin ONT flights to/from Guadalajara and Mexico City three times a week.*

*In 2002, nearly 6.5 million passengers and 547,461 tons of cargo passed through Ontario Airport.*

### **PALMDALE REGIONAL AIRPORT**

39516 N. 25th Street East  
Palmdale, CA 93550-21  
Phone: (661) 266-7602  
Fax: (661) 266-7604  
E-mail: [info@airports.ci.la.ca.us](mailto:info@airports.ci.la.ca.us)  
Web Site: <http://www.lawa.org>

*The Palmdale Regional Airport is 17,750 acres in size and is located in the Antelope Valley, northeast of the City of Palmdale.*

### **PALM SPRINGS INTERNATIONAL AIRPORT**

3400 E. Tahquitz Canyon Way  
(Suite OFC for Admn.office)  
Palm Springs, CA 92262  
Phone: (760) 318-3800  
Fax: (760) 318-3815  
Web Site: <http://www.palmspringsairport.com>

*Palm Springs Airport (PSP), Riverside County's only commercial airport, hosts 11 domestic carriers with flights serving up to 16 nonstop North American destinations, including: Atlanta, Chicago, Dallas/FT. Worth, Denver, Houston, Minneapolis/St. Paul, San Francisco, and Seattle. Air service will continue to expand as the Coachella Valley experiences unprecedented residential growth while remaining a top tourist destination. General aviation customers may choose among two first-class fixed base operators located on opposite sides of the airfield. In 2002, 555,381 passengers were handled in addition to 163,139 pounds of cargo. Situated on over 900 acres, PSP offers two parallel runways: 10,000ft for air carriers and 4,952 ft. for general aviation aircraft.*

### **General Aviation Airports**

#### **CAMARILLO AIRPORT**

555 Airport Way  
Camarillo, CA 93010  
Phone: (805) 388-4274 Fax: (805) 388-4366  
E-mail: tad.doigherty@mail.co.ventura.ca.us  
Web Site: <http://www.ventura.org>

*The Camarillo Airport is situated upon 670 acres of land located on the Southwest corner of the City of Camarillo. The airport has one 6,010 foot concrete runway and is home to nearly 20 aviation related businesses. These businesses provide such service as aircraft charter and rentals, aircraft maintenance, flight training, pilot supplies, and ultralight flight facilities and training. In 1999, there were 550 based aircraft and annual operations of 187,572.*

#### **EL MONTE AIRPORT**

4233 N. Santa Anita Ave.  
El Monte, CA 91731  
Phone: (626) 448-6129 Fax: (626) 448-6179  
Web Site: <http://www.airnav.com/airport/emt>

*The El Monte Airport is a general aviation airport located in the San Gabriel Valley, approximately 15 miles east of downtown Los Angeles. The runway is 3,995 feet long and 75 feet wide. In 2002, El Monte Airport had a total based aircraft of 399.*

#### **FULLERTON MUNICIPAL AIRPORT**

4011 W. Commonwealth Ave.  
Fullerton, CA 92833  
Phone: (714) 738-6323  
Fax: (714) 738-3112  
E-mail: fulairport@ci.fullerton.ca.us  
Web Site: <http://www.ci.fullerton.ca.us/airport>

*The Fullerton Airport is the only general aviation airport in Orange County. It is located near the Interstate 5 and Highway 91 interchange, allowing for easy access. The airport is six miles from Disneyland and three miles from Knott's Berry Farm. The Airport runway has a 12,500-lb.*

*weight limit and is 3,120 feet long. The Airport is served by two fixed-base operators and has an executive terminal building with a restaurant and pilot's lounge.*

#### **HAWTHORNE MUNICIPAL AIRPORT**

12101 Crenshaw Blvd.  
Hawthorne, CA 90250  
Phone: (310) 970-7215  
Web Site: <http://www.cityofhawthorne.com/airport.htm>

*The Hawthorne Municipal Airport is located near the I-105 freeway and is in the southeast corner of the city of Hawthorne. The airport has a 4,956 foot concrete runway with one fixed-base operator, two charter operators, and two helicopter lift operators. The Western Museum of Flight and a cafe are located in the premises of the airport.*

#### **OXNARD AIRPORT**

2889 W. 5<sup>th</sup> Street  
Oxnard, CA 93030  
Phone: (805) 382-3022  
Web Site: <http://www.ventura.org/airports/oxrinfo.htm>

*The Oxnard Airport is located on the coastal edge of the 200 square mile Oxnard Plain, a mile and a half from the coastline on the southwest corporate limits of the City of Oxnard. The airport is classified as a non-hub commercial service airport with commuter flights currently serving Los Angeles International Airport. It has one 5,950 foot concrete runway and in 2000, there were 150 based aircraft and total operations of 88,277.*

#### **SANTA MONICA AIRPORT**

3223 Donald Douglas Loop South  
Santa Monica, CA 90405  
Phone: (310) 458-8591  
Fax: (310) 572-4495  
E-mail: airport@ci.santa-monica.ca.us  
Web Site: [http://pen.ci.santa-monica.ca.us/resource\\_mgmt/airport](http://pen.ci.santa-monica.ca.us/resource_mgmt/airport)

*The Santa Monica Airport provides a variety of aircraft activity that includes vintage, corporate, and recreational aircraft. Located approximately 4 miles from Century City and 6 miles west of Beverly Hills,*

*it also has restaurants, public observation decks, a museum, art studios, and picnic spots.*

### **VAN NUYS AIRPORT**

Administration Office  
16461 Sherman Way, Ste. 300  
Van Nuys, CA 91406  
Phone: (818) 785-8838  
Fax: (818) 908-5963  
E-mail: [infoline@airports.ci.la.ca.us](mailto:infoline@airports.ci.la.ca.us)  
Web Site: <http://www.lawa.org>

*Van Nuys Airport is ranked as the world's busiest general aviation airport with 504,000 operations in 2002. Located approximately 20 miles from downtown Los Angeles, the airport serves as a center for business and industry in the San Fernando Valley. Approximately 250 businesses are located at Van Nuys Airport, including six major fixed-base operators that cater to a variety of private, corporate and government aviation needs.*

## **Convention Centers / Meeting Spaces**

### **ANAHEIM/ORANGE COUNTY CONVENTION CENTER**

800 West Katella Ave. Tel: 714-765-8888  
Anaheim, CA 92802 Fax: 714-765-8860  
Web Site: [http://www.anaheimoc.org/conv\\_center.asp](http://www.anaheimoc.org/conv_center.asp)

*The newly expanded and renovated Anaheim Convention Center opened in 1967. Hosts to various events, ranging from meeting and trade shows to consumer shows of all kinds. Following a \$180 million redevelopment, completed in January 2001, the convention center now features more meeting and exhibit space than any other convention center on the West Coast nearly 1.6 million sq.ft. It features 815,000sq.ft. of exhibit space, 130,000sq.ft. of meeting space (52 brand new meeting rooms), a brand new 38,00-square-foot beautifully appointed ballroom and domed Arena that can seat up to 9,100 for concerts, meeting and sporting events. In addition to the rental of the facility, equipment, personnel and technical services are available.*

### **CARSON CENTER**

801 East Carson St. Tel: 310-835-0212  
Carson, CA 90745 Fax: 310-835-0160  
E-mail: [carsonctr@carson.ca.us](mailto:carsonctr@carson.ca.us)  
Web Site: [www.carsoncenter.com](http://www.carsoncenter.com)

*The Carson Center offers 35,000 sq. ft. of flexible meeting space including a 12,000 sq. ft. ballroom, 26 rooms accommodating 12 to 15,00 guests, state-of-the-art equipment and stage AV equipment, stage and theatrical lighting. The Center has professional event coordinators at your disposal to help work out all the details. 15 min. from LAX - 10 min. from Long Beach Airport.*

### **CERRITOS CENTER FOR THE PERFORMING ARTS**

12700 Center Court Drive Tel: 562-916-8533  
Cerritos, CA 90703 Fax: 562-916-8514  
Web Site: <http://www.cerritoscenter.com>

*The Cerritos Center for the Performing Arts offers a unique and beautiful setting for businesses, clubs, groups, or personal event needs. The facility can accommodate banquets for up to 300, meetings for up to 400 in theater-style setting, and receptions for up to 500 standing. Free parking is available, and the Sheraton Cerritos Hotel is conveniently located across the plaza.*

### **FAIRPLEX EXPOSITION COMPLEX**

1101 W. McKinley Ave. Tel: 909-623-3111  
Pomona, CA 91768 Fax: 909-865-3602  
Web site: <http://www.fairplex.com>

*The Fairplex Exposition Complex sits on 487 acres and is accessible by the 57, 210 and 10 freeways. Exposition facilities and a luxury hotel are located in the complex. In addition, Fairplex is home to the Los Angeles County Fair. The complex provides facilities to accommodate consumer shows, business meetings, conferences and conventions. Flexible building space offered ranges from 33,600 to 105,000 square feet for various needs. There is 237,000 square feet of column-free exhibit space. The adjacent Sheraton Suites Hotel has 240 suites and offers complimentary breakfast. Parking space is available for more than 400,000 vehicles.*

### **GLENDALE CIVIC AUDITORIUM**

1401 N. Verdugo Ave. Tel: 818-548-2147  
 Glendale, CA 91208 Fax: 818-543-0793  
 Web site: <http://www.ci.glendale.ca.us/civicaud>

*The Glendale Civic Auditorium, accessible from the 134 and 2 freeways, is comprised of an upper and lower auditorium. The 11,000 square foot upper auditorium is an ideal site for banquets, retail exhibitions and seminars. It holds 750 seats banquet-style or 1,100 seats theater-style. The lower auditorium holds a capacity of 500 people banquet-style and is perfect for exhibitions and receptions. Each auditorium has an attached kitchen area. Renovation of the facility will be completed soon. For a list of prices and diagrams, please contact the Civic Auditorium.*

### **LONG BEACH CONVENTION AND ENTERTAINMENT CENTER**

300 East Ocean Blvd. Tel: 562-436-3636  
 Long Beach, CA 90802 Fax: 562-436-9491  
 Web Site: <http://www.longbeachcc.com>

*Just 22 miles from Los Angeles, Long Beach is conveniently located in Los Angeles County, just north of Orange County, and is linked to Southern California by five major freeways. The Long Beach Convention and Entertainment Center has several multi-purpose facilities. The Terrace Theater with 3,117 seats has three tiered levels of seating in the grand European tradition, a "Continental" orchestra consisting of arching rows of seats, with no center aisle. The Center Theater, with 862 seats, has two levels of seats in a half-circle around a five-sided thrust stage. The Arena/Exhibition Hall provides space for 13,609 seats. The oval arena, including the concourse, also serves as a 78,000 square foot exhibition hall measuring 224,000 square feet, all on one level, and provides contiguous exhibit space of 90,875; 57,035; and 76,039 square feet. The Center's ballroom provides room for 1,500 people as well as an additional 60,000 square feet of space for meeting rooms.*

### **LOS ANGELES CONVENTION CENTER**

1201 S. Figueroa St. Tel: 213-741-1151  
 Los Angeles, CA 90015 Fax: 213-765-4266  
 Web site: <http://www.lacclink.com>

*The Los Angeles Convention Center is one of the largest facilities on the West Coast. Situated just south of the Central Business District, the*

*location provides visitors with easy access to the airport and several hotels. The expanded center offers 842,000 square feet of exhibit space, 64 meeting rooms, and 26,300 square foot special events hall. Meeting rooms seat from 12 to 1,500 people. This will bring a total exhibit and meeting space up to 970,000 square feet. Outside plazas, fountains, and courtyards compliment the indoor facilities. The Business Service Center, with services such as facsimiles and voice mail, is available to show managers, exhibitors and attendees. For a rate schedule, please contact the above phone numbers.*

### **ONTARIO CONVENTION CENTER**

2000 Convention Center Way Tel: 909-937-3000  
 Ontario, CA 98764 Fax: 909-937-3080  
 Web Site: <http://www.ontariocc.com>

*The recently completed Center is 225,000 square feet in size, with 70,000 square feet of exhibit hall space, 21,000 feet of divisible meeting room space, and a 20,000 square foot ballroom. Fiber optic ports are stationed every 30 feet in both the exhibit hall and ballroom. There is uplink and downlink capability, and computer hookups in all meeting rooms. The Center is across the street from the Ontario International Airport, and there are over 2,000 rooms within walking distance.*

### **ORANGE COUNTY FAIR & EXPOSITION CENTER**

88 Fair Drive Tel: 714-708-3247  
 Costa Mesa, CA 92626 Fax: 714-708-1538  
 E-mail: [ocinfo@ocfair.com](mailto:ocinfo@ocfair.com)  
 WebSite: <http://www.ocfair.com>

*The Orange County Fair located off the 405 or 55 freeway in Orange. The Exposition Center is located within the fairgrounds.*

### **OXNARD PERFORMING ARTS & CONVENTION CENTER**

800 Hobson Way Tel: 805-925-8147  
 Oxnard, CA 93030 Fax: 805-483-7303  
 E-mail: [oxnard@oxnardtourism.com](mailto:oxnard@oxnardtourism.com)  
 Web Site: <http://www.ci.oxnard.ca.us>

*As one of the largest theaters in western Ventura County, the Oxnard Performing Arts & Convention Center provides outstanding entertainment. The spacious theater, consisting of 1,604 seats and eight additional meeting*

rooms, the Oxnard Performing Art's & Convention Center can easily handle the needs of any group up to 3,500-4,000 persons. Also, the network of enclosed patios provides the perfect setting for private community events.

### **PALM SPRINGS CONVENTION CENTER**

277 North Avenida Caballeros Tel: 760-325-6611  
 Palm Springs, CA 92262 Fax: 760-778-4102  
 Web Site: <http://www.palmsprings.com/center>

*The Palm Springs Convention Center can accommodate a variety of business needs. Located 110 miles east of Los Angeles, the Center is adjacent to the Wyndham Hotel and provides for corporate and group meeting facilities, exhibit space for trade and consumer shows and special. The main hall exhibit hall is 66,000 square feet that can be broken into 5 separate rooms. In addition, there is a separate ballroom, and 8 meeting rooms.*

### **PASADENA AUDITORIUM & CONVENTION CENTER**

300 E. Green St. Tel: 626-793-2122  
 Pasadena, CA 91101 Fax: 626-793-8014  
 Web site: <http://www.pasadenacenter.org>

*The Pasadena Civic Auditorium accommodates a total of 3,059 seats. The Gold Room located on the second floor provides space for smaller meetings, receptions or dinner parties for up to 300 people. The exhibition hall offers up to 45,000 square feet of exhibition space. In addition, it can provide a dinner setting for up to 2,200, and general sessions with up to 4,000 guests. The conference building can be used for presentations, events, and conferences. This section of the Pasadena Center offers 20 meeting rooms that are ideal for everything from a small group to a conference of 1,500.*

### **RIVERSIDE CONVENTION CENTER**

3443 Orange St. Tel: 909-787-7950  
 Riverside, CA 92501 Fax: 909-346-4706

*The Riverside Convention Center offers 50,000 square feet of flexible meeting and exhibit space, accommodating groups as small as 25 or as large as 2,500. From intimate board meetings to full-scale trade shows and conventions, the Riverside Convention Center can handle it all.*

*In addition to interior meeting spaces, the Convention Center has a spacious, well-lit, outdoor plaza. Riverside's pleasant year-round weather makes the Convention Center Plaza an ideal location for open-air exhibits and trade shows.*

*With an on-site kitchen facility and an experienced catering staff, the Convention Center is fully equipped to manage simple or elaborate luncheons, dinner dances, and social affairs. Many community events such as concerts and basketball games are also held at the Convention Center.*

### **SAN BERNARDINO CONVENTION CENTER**

295 North "E" Street Tel: 909-381-6181  
 San Bernardino, CA 92401 Fax: 909-381-5288  
 E-mail: [sales@radissonsb.com](mailto:sales@radissonsb.com)  
 Web Site: <http://www.radisson.com>

*The San Bernardino Convention Center is located conveniently off I-10 and I-215, minutes from Ontario Int'l Airport. The Convention Center offers 9 meeting rooms and 20,000 sq. ft. of flexible meeting, convention and exhibit space including a 13,000 sq. ft. ballroom.*

### **SANTA MONICA CIVIC AUDITORIUM**

1855 Main St. Tel: 310-458-8551  
 Santa Monica, CA 90401 Fax: 310-394-3411  
 Web site: <http://www.santamonicacivic.org>

*The 26,790 square foot Civic Auditorium, with a 35-foot high ceiling provides for up to 3,000 people in theater seating, offers a large meeting room for up to 200 people, and can accommodate 149 exhibit booths. It is also available for lectures, banquets, film and television production, live shows and sporting event*

### **THOUSAND OAKS CIVIC ARTS PLAZA**

2100 Thousand Oaks Blvd. Tel: 805-449-2766  
 Thousand Oaks, CA 91362 Fax: 805-449-2750  
 Web Site: <http://www.toaks.org/theatre>

*Rental Policies and Regulations for the Civic Arts Plaza Board Room, Oak Room, Park Room, Courtyard of the Oaks, and the Park at the Civic Arts Plaza*



# **TORRANCE CULTURAL ARTS CENTER**

3330 Civic Center Dr. Tel: 310-781-7150  
 Torrance, CA 90503 Fax: 310-781-7199  
 Web Site: <http://www.tcac.torrtet.com>

*The Torrance Cultural Arts Center, divided into several areas, can accommodate various business needs. The James R. Armstrong Theater has a 502-seat capacity and can be used for business demonstrations and conferences. The Community Meeting Hall is a 3,300 square foot facility and is available for business conferences, mixers, banquets, dinners and luncheons. The Music Room can be utilized for business meetings of between 30-40 people. The Recreation Center is 3,000 square feet and provides for meeting space that accommodates many different events.*

## **Convention Bureaus**

### **ANAHEIM CONVENTION & VISITORS BUREAU**

800 West Katella Ave. Tel: 714-999-8999  
 Anaheim, CA 92802 Fax: 714-991-8963  
 Web site: <http://www.anaheimoc.org>

### **BEVERLY HILLS VISITORS BUREAU**

239 S. Beverly Dr. Tel: 310-248-1015  
 Beverly Hills, CA 90212 Fax: 310-248-1020  
 Web site: <http://www.bhvb.org>

### **CATALINA ISLAND CONVENTION & VISITORS BUREAU**

P.O. Box 217 Tel: 310-510-1520  
 Avalon, CA 90704  
 E-mail: [info@visitcatalina.com](mailto:info@visitcatalina.com)  
 Web site: <http://www.catalina.com>

### **LONG BEACH AREA CONVENTION & VISITORS BUREAU**

One World Trade Center, Ste. 300 Tel: 562-436-3645  
 Long Beach, CA 90831 Fax: 562-435-5653  
 Web site: <http://www.golongbeach.org>

### **L.A. INC., THE CONVENTION & VISITORS BUREAU**

333 South Hope St. 18<sup>th</sup> Floor Tel: (213) 624-7300  
 Los Angeles, CA 90071 Fax: (213) 624-9746  
 Web Site: <http://www.lacvb.com>

### **MARINA DEL REY CONVENTION & VISITORS BUREAU**

4701 Admiralty Way Tel: 310-305-9545  
 Marina del Rey, CA 90292 Fax: 310-306-6605  
 E-mail: [info@VisitTheMarina.com](mailto:info@VisitTheMarina.com)  
 Web Site: <http://www.mdrcvb.com>

### **ONTARIO CONVENTION AND VISITORS AUTHORITY**

2000 Convention Center Way Tel: 909-937-3020  
 Ontario, CA 91764 Fax: 909-937-3080  
 Web Site: <http://www.ci.ontario.ca.us>

### **PALM SPRINGS DESERT RESORTS CONVENTION & VISITORS BUREAU**

69930 Hwy. 111, Ste. 201 Tel: 760-770-9000  
 Rancho Mirage, CA 92270 Fax: 760-770-9001  
 E-mail: [woolston@desert-resorts.org](mailto:woolston@desert-resorts.org)  
 Web site: <http://www.desert-resorts.com>

### **PASADENA CONVENTION & VISITORS BUREAU**

171 S. Los Robles Ave. Tel: 626-795-9311  
 Pasadena, CA 91101 Fax: 626-795-9596  
 Web site: <http://www.pasadenacal.com>

### **RIVERSIDE CONVENTION & VISITORS BUREAU**

3750 University Ave. #175 Tel: 909-222-4700  
 Riverside, CA 92501 Fax: 909-222-4712  
 Web site: <http://www.riversidecb.com/>

### **SAN BERNARDINO CONVENTION & VISITORS BUREAU**

201 N. East St., Suite 103 Tel: 909-889-3980  
 San Bernardino, CA 92401 Fax: 909-889-5998

**SAN FERNANDO VALLEY CONFERENCE & VISITORS BUREAU**

15205 Burbank Blvd., 2<sup>nd</sup> Floor  
 Van Nuys, CA 91411  
 Web site: <http://www.sfvalley.org>  
 Tel: 818-367-1015  
 Fax: 818-947-0721

**SANTA MONICA CONVENTION & VISITORS BUREAU**

520 Broadway, Suite 250  
 Santa Monica, CA 90401  
 Web Site: <http://www.santamonica.com>  
 Tel: 310-319-6263  
 Fax: 310-319-6273

**TORRANCE/SOUTH BAY CONFERENCE & VISITORS BUREAU**

3400 Torrance Blvd., Suite 100  
 Torrance, CA 90503  
 Web Site: <http://www.torrance.com>  
 Tel. 310-540-5732  
 Fax. 310-540-7662

**VENTURA CONVENTION & VISITORS BUREAU**

89-C South California St.  
 Ventura, CA 93001  
 Web site: <http://www.ventura-usa.com/calendar/>  
 Tel. 805-648-2075  
 Fax. 805-648-2150

**WEST HOLLYWOOD CONVENTION & VISITORS BUREAU**

8687 Melrose Ave., Ste. M-38  
 West Hollywood, CA 90069  
 Web site: <http://www.visitwesthollywood.com>  
 Tel: 310-289-2525  
 Fax: 310-289-2529

**\*Tourism numbers do not include activities such as  
 Retail Trade and Printing; both are heavily involved in this  
 industry.**

## **Toys**

### **Design / Manufacturing / Distribution**

*Employment (4/'01): 5,314  
Number of Establishments (4/'01): 420  
Shipments/Receipts (1997): \$3.9 Billion  
NAICS Codes: 33993, 42192*

#### **Education**

##### **OTIS COLLEGE OF ART AND DESIGN**

###### **Toy Design**

9045 Lincoln Blvd.  
Los Angeles, CA 90045  
Tel: 310-665-6985  
Fax: 310-665-6986  
Web site: <http://www.otisart.edu>

Dept. Chair: Martin Caveza

*The Toy Design Department has a mission of providing their students with the quality curriculum and experienced faculty necessary for developing marketable skills in becoming professionals within the toy industry. Upon completion of the four-year program, students are awarded a B.A. in Toy Design. The program is new at Otis College and is only the second program of its kind in the nation.*

##### **LOS ANGELES TRADE TECHNICAL COLLEGE**

###### **Digital Design Certificate**

400 West Washington Blvd.  
Building "D" 330  
Los Angeles, CA 90015  
Tel: 213-763-7000  
TDD: 213-763-5375  
Fax: 213-763-5393  
Web Site: <http://www.lattc.cc.ca.us>

Program Coord: Marcela Oliva  
No. of Students: 25

*The Digital Design Certificate program is currently new at the L.A. Trade-Technical College. It is for students who are interested in the fields of Architecture, Industrial Design, Toy Design, Furniture Design, Interior*

*Design, Landscape Architecture, Interface Design, Virtual Reality Environment, and Set Design. The technology skills developed are Spatial Modeling, Web-Browser, and Computer-Aided Design. Applications used in the program are 3D Studio, Microstation Modeler, Access, and Triforma.*

#### **Associations**

##### **TOY ASSOCIATION OF SOUTHERN CALIFORNIA (TASC)**

520 West 23<sup>rd</sup> St. Tel: 213-763-2520  
Los Angeles, CA 90017 Fax: 213-489-5393  
Web site: <http://www.tasc-toys.com>

*TASC is organized to promote the welfare of the toy industry in Southern California so that it continues to be a strong, viable engine in the region's economy. TASC monitors and educates members on a broad range of issues affecting toy companies, and communicates its interests and concerns to policy makers.*

##### **SMALL MANUFACTURERS ASSOCIATION OF CALIFORNIA (SMA)**

1603 Don Carlos Ave.  
Glendale, CA 91208  
Tel: 818-242-7658  
Fax: 818-240-5441  
Web site: <http://www.smac.org>

*SMA represents approximately 800 small- and medium-sized manufacturing companies throughout California. SMA provides advocacy and other benefits for its members, which is primarily made up of durable goods manufacturers.*

## Other “Creative” Industries

### Fine Arts \* Performing Arts \* Graphic Design/Web Design \* Music

Employment (4/'01): 14,544

Number of Establishments (4/'01): 2,160

Revenues (1997): \$1.6 Billion

NAICS Codes: 339992, 54142, 54143, and 7111

### Education

#### Fine Arts & Performing/Theatre Arts

##### **ART CENTER COLLEGE OF DESIGN**

###### **Fine Art**

1700 Lida St. Dept. Chair: Laurence Dreiband  
Pasadena, CA 91103-1999  
Tel: 626-396-2373  
Fax: 626-795-0578  
Web site: <http://www.artcenter.edu>

*The Fine Art Department offers seven different fine art study tracks: Painting, Photography, Film/Video, Design, Digital Media, Object & Installation, and Critical Studies.*

##### **CALIFORNIA INSTITUTE OF THE ARTS (CalArts)**

24700 McBean Pkwy.  
Valencia, CA 91355-2397 Dean: Steve Anker  
Tel: 661-255-1050 No. of Students: 366  
Fax: 661-254-8352 2002-2003 graduates: 87  
Web site: <http://www.calarts.edu>

*The California Institute of the Arts offers studies in art, dance, film/video, music, and theatre.*

- *The School of Art has programs in art, photography and graphic design, film-live action, character animation and experimental*

*animation, and a program for people to learn stage, film and television directing.*

- *The School of Dance focuses on dance as a fine art. There are four studios available to the students on a full-time basis and a fifth studio available only for composition class.*
- *The School of Film/Video has programs in live action, experimental animation, character animation (undergraduate level only), directing for theatre, video, and cinema (graduate level only), and inter-school directing, offered in conjunction with the Theatre School.*
- *The School of Theatre has programs in performance, design and production, and acting and directing.*
- *The School of Music has programs in composition, composition and new media (graduate), performer/composer, performance, musical arts, and music technology.*

##### **CALIFORNIA LUTHERAN UNIVERSITY**

###### **Drama**

60 W. Olsen Rd. Dept. Chair: Ken Gardner  
Thousand Oaks, CA 91360  
Tel: 805-493-3863  
Web site: <http://www.clunet.edu>

*CLU's Drama Department offers a series of fundamental and advanced courses in theatre along with numerous opportunities to participate in its Mainstage, Blackbox and American Musical Theatre Ensemble productions. Students are encouraged to take positions of responsibility in the areas of publicity, sound, light, makeup, scene and costume design. Every graduating drama major has the opportunity to direct or design a play production on campus.*

**CALIFORNIA STATE POLYTECHNIC UNIVERSITY (Cal Poly),  
POMONA**

**Theatre Arts**

3801 W. Temple Ave.  
Pomona, CA 91768  
Tel: 909-869-3964

Dept. Chair: Kathleen Waln

Web site: <http://www.class.csupomona.edu/th/theatre.html>

*The Theatre Arts Department emphasizes production and experience in the “doing” of theatre. The Department offers four options: the general option enables students to develop a broad theatre or dance curriculum with primary interests in directing, playwriting, management, or theory and criticism in order to create a course of study that best suits their goals. The acting option is for the student whose primary interest is in acting for the stage. The design and technical theatre option is for students with interest in the theatrical design areas of scenery, lighting, costumes, makeup or sound, or in the technical areas such as scenic or costume construction, production management, or technical direction. The last option is the dance option for students that are interested in a general background in theatre with a specific performance interest in dance.*

**CALIFORNIA STATE UNIVERSITY, DOMINGUEZ HILLS**

**Theatre Arts**

1000 E. Victoria St.  
Carson, CA 90747  
Tel: 310-243-3340

Dept. Chair: Peter Rodney

Web site: <http://www.csudh.edu/theatre>

*The Theatre Arts Department is designed to guide students through creative development and performance. Students will learn the theatrical profession of set design, acting, light design, costume design, and other highly skilled professional levels of the theatre and other forms of entertainment. The Department has two specialized program: Speech Program and Production Program.*

**CALIFORNIA STATE UNIVERSITY, LONG BEACH (CSULB)  
Theatre Arts**

1250 Bellflower Blvd.  
Long Beach, CA 90840  
Tel: 562-985-7891  
Fax: 562-985-2263

Dept. Chair: Howard Burman  
No. of Students: 129

Web site: <http://www.csulb.edu/depts/theatre>

*The Department of Theatre Arts offers three basic programs leading to the Bachelor of Arts degree with opportunities for options in Performance (acting), Technical Theatre (scenery/costume/lighting design), and General Theatre.*

*California Repertory Company (Cal Rep) is a professionally modeled theatre company in residence at CSULB. Cal Rep presents repertory seasons drawn from the international canon of dramatic literature. MFA Acting, Design, and Management students are members of the company and are involved in performances weekly during the nine-month season. For more information, call (562) 985-1953, web site: <http://www.calrep.org>*

**CALIFORNIA STATE UNIVERSITY, LOS ANGELES (CSULA)**

**Theatre Arts**

5151 State University Dr.  
Los Angeles, CA 90032  
Tel: 323-343-4110

Dept. Chair: Dr. Judith Hamera

Web site: [http://www.calstatela.edu/academic/aa/ta\\_danc.htm](http://www.calstatela.edu/academic/aa/ta_danc.htm)

*The Theatre Arts and Dance Department is committed to developing curricula that emphasize embodied practice, drawing on the strengths of both dance and theatre. The Department offers a Bachelor's as well as Master's Degree in both Theatre Arts and Dance.*

**CALIFORNIA STATE UNIVERSITY, NORTHRIDGE (CSUN)**

**Theatre**

18111 Nordhoff St.  
Northridge, CA 91330  
Tel: 818-677-3086  
Fax: 818-677-2080

Dept. Chair: Jerry Abbitt  
No. of Students: 300

Web site: <http://www.csun.edu/theatre>

*The Theatre Department offers a B.A. in Theatre. Courses offered include: Acting Technique, Stage and Movement Technique, Scenery and Prop Technology, Costume Technology, Lighting and Sound Technology, World Theatre Drama, Management Techniques, Directing, Stage Voice and Speech, and Theatre Production among others. There are three theatres where eight main stage and three to six student productions are mounted each year.*

### **CITRUS COLLEGE**

#### **Theatre Arts**

1000 W. Foothill Blvd. Assoc. Dean: Ben Bollinger  
Glendora, CA 91741  
Tel: 626-914-8840  
Web site: <http://www.citruscollege.com/AP/PROG/thea>

*The Theatre Arts Department offers a creative learning program aimed at developing acting, directing and technical skills. The emphasis is in actor training and technical theatre. An Associate's Degree is awarded upon completion of the program.*

### **COLLEGE OF THE CANYONS**

#### **Theatre**

26455 Rockwell Canyon Rd. Program Coord: Susan Hinshaw  
Santa Clarita, CA 91355  
Tel: 661-259-7800 x3991  
Web site: <http://www.coc.cc.ca.us>

*Theatre courses at COC focus on the tradition as well as the functions of the actor, dramatist and setting of the theatrical event. Courses include: Improvisation, Acting Fundamentals, Acting for the Camera, Stage Directing, Theatre Production, and Playwriting among other. An Associate's Degree is awarded upon completion of the program.*

### **COLBURN SCHOOL OF PERFORMING ARTS**

200 S. Grand Ave.  
Los Angeles, CA 90012 Dean: Joseph Thayer  
Tel: 213-621-2200 No. of Students: 1,450  
Fax: 213-621-2110 2002-2003 graduates: 199  
Web site: <http://www.colburnschool.org>

*The Colburn School started in 1950 as the Preparatory Division to USC's School of Music. The school emphasizes chamber music and has five levels of orchestra. Colburn operates on an after-school and weekend basis, offering music, dance and drama courses from the introductory level to the very advanced, to youngsters between the ages of 2-1/2 and 18. It is the only such pre-college, non-degree granting school in California accredited by the National Association of Schools of Music.*

### **EAST LOS ANGELES COLLEGE**

#### **Theatre Arts**

1301 Avenida Cesar Chavez Director: W. Colin McKay  
Monterey Park, CA 91754  
Tel: 213-265-8941  
Web site: <http://www.perspicacity.com/elactheatre/school>

*The Theatre Department's mission is to train students for the professional world of theatre. This involves well-rounded, individualized instruction in history, craft and philosophy of the theatre. The curriculum covers history, writing, acting, directing, stage management, and technical theatre. The program leads to an Associate in Arts Degree.*

### **GLENDALE COMMUNITY COLLEGE**

#### **Theatre Arts**

1500 N. Verdugo Rd. Program Coord: Ken Gray  
Glendale, CA 91208  
Tel: 818-240-1000 x5615  
E-mail: [kgray@glendale.edu](mailto:kgray@glendale.edu)  
Web site: <http://www.glendale.cc.ca.us/~theatre>

*The Theatre Arts Department offers an Associate's degree and Certificate programs in theatre arts. Courses include: Acting, Directing, History, Stage Scenic Design, Stage Costume Design, Technical Stage, Lighting Design, and Theatre Management.*

### **LONG BEACH CITY COLLEGE**

#### **Theatre**

4901 E. Carson St. Dept. Chair: David Herman  
Long Beach, CA 90808  
Tel: 562-938-4279  
E-mail: [dherman@lbcc.edu](mailto:dherman@lbcc.edu)

Web site: <http://www.lbcc.edu>

*The Theatre program emphasizes movement, voice, technique, and characterization. In the technical theatre area Stage Scenery, Stage Lighting, Costume Crafts, Costume Design, Stage Makeup and Stage Management are taught by award-winning faculty designers. Theatre Forum offers performances and discussions of department productions as well as meeting guest artists. For aspiring playwrights, Stage and Screen Writing are taught by working professional writers. The Department offers A.A. degrees in Theatre (with either an acting, technical or general emphasis).*

### **LOS ANGELES CITY COLLEGE THEATRE ACADEMY**

855 N. Vermont Ave. Dept. Chair: Fred Fate  
 Los Angeles, CA 90029  
 Tel: 323-953-4500, x2971  
 Fax: 323-953-4013  
 Web site: <http://citywww.lacc.cc.ca.us/academic/departments/theatre>

*The L.A. city College Theatre Academy offers six Certificate Programs to students completing their area of specialization: Actor Training, Advanced Professional Actor Training, Professional Theatre Technologies and Production Training Certificate for Technical Theatre, Advanced Professional Theatre Technologies and Production Training Certificate for Technical Theatre, Professional Theatre Technologies and Production Training Certificate for Theatrical Costuming, and Professional Theatre Technologies and Production Training Certificate for Theatrical Costuming.*

### **LOS ANGELES COUNTY HIGH SCHOOL FOR THE ARTS**

5151 State University Dr.  
 Library North 1034  
 Los Angeles, CA 90032  
 Tel: 323-343-2787  
 Web site: <http://www.lafn.org/education/arts>

*Los Angeles County High School for the Arts, located on the campus of California State University, Los Angeles, offers academic programs and specialized training to students with talent or potential in dance, music, theater, and the visual arts. The school is accredited by the Western*

*Association of Schools and Colleges and offers all academic and elective courses needed for high school graduation and college entrance requirements.*

### **LOYOLA MARYMOUNT UNIVERSITY (LMU)**

#### **College of Communications and Fine Arts**

Film Production Program  
 7900 Loyola Blvd. Dean: Tom Kelly  
 Los Angeles, CA 90045  
 Tel: 310-338-3033  
 Fax: 310-338-4470  
 Web site: <http://www.lmu.edu>

*The College of Communications and Fine Arts emphasizes hands-on learning. Students learn through active participation in studio work and productions. Majors leading to a Bachelor of Arts degree and minor programs are offered in the areas of animation, film production, multimedia, screenwriting, television production, art history, communication studies, dance, music, recording arts, studio arts, and theatre arts.*

### **PEPPERDINE UNIVERSITY**

#### **Theatre**

Fine Arts Department Division Chair: Dr. Sonia Sorrell  
 24255 Pacific Coast Hwy.  
 Malibu, CA 90263  
 Tel: 310-456-4462  
 Web site: <http://arachnid.pepperdine.edu/fineartsweb>

*The Bachelor of Arts in Theatre program is designed to provide an outlet for students to express themselves using various aspects of the human experience. With opportunities to perform and participate in different programs on and off campus, students can learn more about the field of theatre arts.*

### **POMONA COLLEGE**

#### **Theatre & Dance**

333 N. College Way Dept. Chair: Sherry Linnell  
 Claremont, CA 91711  
 Tel: 909-621-8186

Web site: <http://www.theatre.pomona.edu>

*The Pomona College Department of Theatre & Dance is the only five-college theatre department in the world. Serving Pomona College, Pitzer College, Scripps College, Harvey Mudd College, and Claremont McKenna College, it offers theoretical and practical work in all phases of theatre and dance, within the context of a rigorous liberal arts education. In addition, it produces a variety of plays and a dance concert. The productions offer opportunities in performance, design and technical work to all interested students of the Claremont Colleges.*

### **OCCIDENTAL COLLEGE**

#### **Theatre**

1600 Campus Rd. Dept. Chair: Dr. John Bouchard  
Los Angeles, CA 90041  
Tel: 323-259-2873  
Web site: <http://www.gratch.oxy.edu/theater>

*The Theatre program is designed to help prepare students for successful careers in theatre and film while engaging them in a discipline that encourages them to explore critically the world in which they live. Courses include: Technical Theater, Design, Stage and Camera, Lighting Design, Shakespeare, Theater Engineering and Architecture, Acting, Directing, and playwriting among others.*

### **UNIVERSITY OF CALIFORNIA, LOS ANGELES (UCLA)**

#### **School of Theatre, Film and Television**

102 E. Melnitz Hall Dean: Robert Rosen  
Box 951622 No. of Students: 450  
Los Angeles, CA 90095 2002-2003 graduates: 100  
Tel: 310-825-8787  
Web site: <http://www.tft.ucla.edu>

*The comprehensive program of the Bachelor of Arts in Theatre provides a liberal education by combining critical study of theatre with experiential practice in one or more of its component parts. Students explore acting, design, directing, playwriting and production to build a foundation for future creative work.*

### **UNIVERSITY OF LA VERNE**

#### **Theatre Arts**

1950 3<sup>rd</sup> Street Dept. Chair: Dr. David Flaten  
La Verne, CA 91750 Tel: 909-593-3511 x4551  
Web site: <http://www.ulv.edu/~thart>

*The B.A. in Theatre Arts academic program is strongly performance-oriented, providing intensive studies in acting, directing, production and design, theatre history, theory and dramatic literature. Through the Institute for Conscious acting, the Department regularly sponsors projects and special workshops with visiting theatre professionals.*

### **UNIVERSITY OF SOUTHERN CALIFORNIA (USC)**

#### **School of Fine Arts**

University Park Dean: Ruth Weisberg  
Watt Hall, 104 No. of Students: 270  
Los Angeles, CA 90089 2002-2003 graduates: 75  
Tel: 213-740-2787  
Fax: 213-740-8938  
Web site: <http://finearts.usc.edu>

*The School of Fine Arts offers a four-year Bachelor of Fine Arts degree and Bachelor of Arts Degree program with concentrations in painting, drawing, sculpture, ceramics, printmaking, photography, and digital imaging (Matrix). The School is currently undergoing a major expansion that will further integrate its photography and digital imaging programs to support the genres emerging from the convergence of new technologies and the visual arts.*

#### **School of Theatre**

1029 Childs Way #103 Dean: Robert R. Scales  
Los Angeles, CA 90089  
Tel: 213-740-1286  
Web site: <http://www.usc.edu/schools/theatre>

*The School of Theatre offers professional and scholarly training stressing the importance of interdependency of production experience and academic knowledge. It offers programs leading to Bachelor of Fine Arts (emphasis in Acting, Design, Stage Management or Technical Direction), Bachelor of Arts and Master of Fine Arts (Playwrights, Theatrical Design) Degrees.*



**WHITTIER COLLEGE**

**Theatre and Communication Arts**

13406 Philadelphia St. Dept. Chair: Brian Alan Reed  
Whittier, CA 90608  
Tel: 562-907-4202  
Web site: <http://www.whittier.edu/theatre>

*The Department offers a wide array of courses in the areas of performance, directing, theatre history and dramatic literature, and stage design and technology. The Department also offers courses in film history and criticism, video production, and speech communication.*

**Graphic Design & Web Design**

**ART CENTER COLLEGE OF DESIGN**

**Graphic Design/Web Design**

1700 Lido St. Dept. Chair: Gregory Thomas  
Pasadena, CA 91109-1999  
Tel: 626-396-2373  
Fax: 626-795-0578  
Web site: <http://www.artcenter.edu>

*Art Center students are learning how to design computer interfaces, web sites, CD-ROMs, and virtual reality environments where they work with Macintosh, PC, and Silicon Graphics. Art Center's graphic design graduates are qualified for positions in design studios, advertising agencies, and multimedia companies.*

**BROOKS COLLEGE**

**Graphic Design**

4825 E. Pacific Coast Highway  
Long Beach, CA 90804  
Tel: 800-421-3775  
Fax: 562-597-7412  
Web site: <http://www.brookscollege.edu>

*The classes include basic core skills and progress to more advanced multimedia and animation techniques that include computer knowledge and software applications currently employed in the Graphic Design industry.*

*During the final term, all students will complete an internship with a professional design firm to facilitate first-hand exposure to the industry prior to graduation. Upon completion of the program, graduates will receive a two-year A.S. degree in Graphic Design.*

**CALIFORNIA STATE POLYTECHNIC UNIVERSITY (Cal Poly),  
POMONA**

**Graphic Design**

3801 W. Temple Ave. Dept. Chair: Maren H. Henderson  
Pomona, CA 91768  
Tel: 909-869-3508  
Web site: <http://www.csupomona.edu/~art>

*Graphic Design students advance to printmaking in typography, graphic layout, drafting, illustration, printmaking techniques, and various computer graphics courses. Upper division students study advanced computer design, motion graphics, multimedia, and video for use in visual communications, entertainment, and advertising. The department gives special priority to state-of-the-art computer programs in the profession and trains students to keep abreast of the rapidly changing technology.*

**CALIFORNIA STATE UNIVERSITY, DOMINGUEZ HILLS  
Studio Art & Design**

1000 E. Victoria St. Dept. Chair: Dr. Louise Ivers  
Carson, CA 90747  
Tel: 310-243-3310 No. of Students: 130  
Fax: 310-516-4268 2002-2003 graduates: 10  
Web site: <http://www.cas.csudh.edu>

*The Design Option offers students the study of visual communication skills and creative design concepts. Students will experience course activities preparing them for an understanding of and participation in design practices. The department offers a Certificate in Design, Computer Art, state of the art computer technology courses in Web Site Design and Animation*

**CALIFORNIA STATE UNIVERSITY, NORTHRIDGE (CSUN)**

**Video/Digital Art**

18111 Nordhoff St.  
Northridge, CA 91330  
Tel: 818-677-2242  
Fax: 818-677-3046  
Web site: <http://www.csun.edu/art>

Dept. Chair: Dave Moon

*The Video/Digital Art area of concentration provides the opportunity to explore emerging technologies, artistic concepts, and innovative methods utilized in the creation of video, digital art, computer animation, experimental animation, visual effects, and web design. The department offers a B.A., M.A., and M.F.A. degrees.*

**CALIFORNIA STATE UNIVERSITY, NORTHRIDGE (CSUN)  
EXTENDED LEARNING**

**Graphic Communication & Computer Design**

Tel: 818-677-3404  
Program Coord: Joyce Mikus

*This Certificate program provides students with the latest skills, techniques and training to enter the fields of computer graphics, advertising art, television and corporate graphics. From the basic of design, layout and composition to the latest advances in computer illustration, electronic pre-press and production, students will develop a portfolio of skills for creating the kind of graphics and imagery that will help them advance in this field.*

**EAST LOS ANGELES COLLEGE**

**Art Graphic Communication**

1301 Avenida Cesar Chavez  
Monterey Park, CA 91754  
Tel: 323-265-8650  
Web site: <http://elacart.bizland.com>

*The emphasis of this program is to develop in students the skills required for entry into occupations such as computer graphic designer, art director, creative director, freelance designer, illustrator, package designer, and product designer among others. The college offers an A.A. degree and a certificate of completion.*

**FASHION INSTITUTE OF DESIGN AND MERCHANDISING  
(FIDM)**

**Graphic Design/Web Design**

919 S. Grand Ave.  
Los Angeles, CA 90015  
Tel: 213-624-1200  
Fax: 213-624-9354  
Web site: <http://www.fidm.com>

Dept. Chair: Marlene Dunn

*FIDM's Graphic Design Department is dedicated to fill a wide range of graphic design jobs in the market place, especially in the apparel and entertainment industries. Students use the most up-to-date hardware and software used in professional graphic studios. Students learn digital imaging, logo/symbol design, graphic communication, presentation graphics, and multi-media. Upon completion of the program, an Associate's degree is awarded.*

**LONG BEACH CITY COLLEGE**

**Computer Art**

4901 E. Carson St.  
Long Beach, CA 90808  
Tel: 562-938-4319  
E-mail: [lwhite@lbcc.edu](mailto:lwhite@lbcc.edu)  
Web site: <http://art.lbcc.cc.ca.us>

Dept. Chair: Larry White

*The Computer Art program was developed to allow artists to develop skills that will enhance their ability to create meaningful works for a variety of media. Coursework includes classes in 3D modeling, multimedia, graphic design, web design, and illustration. Students are encouraged to explore the relationships between words and images as they interact in print, film, and electronic media.*

**LOS ANGELES CITY COLLEGE**

**Graphic Design**

855 N. Vermont Ave.  
Los Angeles, CA 90029  
Tel: 323-953-2514  
Fax: 323-953-4013  
Web site: <http://www.lacc.cc.ca.us>

Dept. Chair: Norman Schwab

*The Associate in Arts Degree program in Graphic Design provides the foundation for careers in computer graphics, advertising design, commercial illustration and desktop publishing. The creative and practical aspects of visual communication are equally stressed, with an emphasis on contemporary trends. Digital work is grounded in fundamental art skills and methods. Students can expect to develop a sound, entry-level portfolio.*

### **LOS ANGELES ORT TECHNICAL INSTITUTE (LAORT)**

#### **Computer Graphics and Desktop Publishing**

Main Campus:	Sherman Oaks Campus:
6435 Wilshire Blvd.	15130 Ventura Blvd.
Los Angeles, CA 90048	Sherman Oaks, CA 91403
Tel: 323-966-5444	Tel: 818-382-6000
Fax: 323-966-5455	Fax: 818-788-3997

*This program is designed to prepare students for entry-level positions in Computer Graphics Design and Desktop Publishing. In the popular Computer Graphics and Desktop Publishing program you obtain a thorough understanding of, and competency with, the industry's leading software. The "tools of the trade" include photo editing software, illustration software, desktop publishing software, and presentation software. Among the practical skills that are integral to this program are creating newspaper and magazine layouts, creating flyers, logo and package design, and scanning, editing and implementing photographs.*

### **LOS ANGELES PIERCE COLLEGE**

#### **Graphic Design**

6201 Winnetka Ave.	Dept. Chair: Dave Oshima
Woodland Hills, CA 91371	
Tel: 818-719-6475	
Web site: <a href="http://www.lapc.cc.ca.us/usr/art">http://www.lapc.cc.ca.us/usr/art</a>	

*This program is designed for students who expect to make advertising art or graphic design their vocation. The college offers an Associate in Arts degree and a Certificate program.*

### **LOS ANGELES TRADE TECHNICAL COLLEGE**

#### **Visual Communications**

400 W. Washington Blvd.	Dept. Chair: Lorraine Megowan
Los Angeles, CA 90015	

Tel: 213-763-7000  
TDD: 213-763-5375  
Fax: 213-763-5393  
Web site: <http://www.lattc.cc.ca.us>

*This Certificate program develops students to become commercial artists and graphic designers who prepare camera ready copy and art for most types of printed material including advertisements, packages, video and web-based imagery. LATTC offers complete training on MAC graphics systems throughout the program.*

### **LOYOLA MARYMOUNT UNIVERSITY (LMU)**

#### **Graphic Design**

7900 Loyola Blvd.	Dept. Chair: Michael Tang
Los Angeles, CA 90045	
Tel: 310-338-4588	
Web site: <a href="http://www.lmu.edu/colleges/cfa/art.index.html">http://www.lmu.edu/colleges/cfa/art.index.html</a>	

*The graphic design program will help students develop a wide range of skills including design, illustration, lettering and typography. Students will also become familiar with printing processes and basic computer techniques.*

### **MT. SAINT MARY'S COLLEGE**

#### **Graphic Design**

12001 Chalon Rd.  
Los Angeles, CA 90049  
Tel: 310-954-4361  
Web site: <http://www.msmc.la.edu>

*The Associate Arts program in Graphic Design will prepare students for a career in the contemporary Graphic Design world. At the end of the two year program students will be prepared to present a portfolio for presentation that will show competence which will include desk top publishing, graphic production, and visual communication, all with an emphasis is visual literacy. Competence with computer literacy will be central to the program.*

**OTIS COLLEGE OF ART AND DESIGN**

9045 Lincoln Blvd.  
Los Angeles, CA 90045                      Dept. Chair: Moira Cullen  
Tel: 310-665-6840  
Fax: 310-665-6821  
Web site: <http://www.otisart.edu>

*Otis College of Art and Design offers several programs in graphic design, digital media, and environmental design. Upon completion of the program, students will earn a bachelor's degree. The college also offers Master's degree in Fine Arts, and a certificate in Graphic Design.*

**PASADENA CITY COLLEGE**

**Digital Media – Graphic Design**

1570 E. Colorado Blvd.                      Division Dean: Linda Malm  
Pasadena, CA 91106  
Tel: 626-585-7238  
Web site: <http://www.paccd.cc.ca.us>

*The Graphic Design curriculum prepares students to seek employment in the advertising/graphic design industry as entry-level production designers or junior graphic designers. Emphasis is on a solid foundation in the area of commercial art. Students will develop a portfolio. A Certificate of Achievement is awarded upon completion of the program.*

**SCRIPPS COLLEGE**

**Computer Arts**

1030 Columbia Ave.                      Program Coord: Nancy Macko  
Claremont, CA 91711  
Tel: 909-607-3628  
Fax: 909-607-7576  
Web site: <http://www.scrippscol.edu/~dept/art/compart.htm>

*The program is devoted to creating original work in digital imaging, digital video, motion graphics, desktop publishing, and web design with an emphasis on women, art, and technology. The computer art lab is composed of high-end MAC workstations. The program provides a basic foundation in digital art to women in particular, enabling them to go on careers in multimedia and web production.*

**THE ART INSTITUTE OF LOS ANGELES**

**Graphic Design**

2900 31<sup>st</sup> Street  
Santa Monica, CA 90405  
Tel: 310-752-4700  
Fax: 310-752-4708

**Orange County Campus**

3601 W. Sunflower Avenue  
Santa Ana, CA 92704  
877-903-8367  
Web site: <http://www.artinstitutes.edu>

*The Institute offers a Bachelor's and an Associate's degree in Graphic Design. The objective of this program is to help the student attain a fundamental grounding in graphic design, including an introduction to the theory and practice of print production, electronic publishing, advertising illustration, and sales promotion.*

**UNIVERSITY OF CALIFORNIA, LOS ANGELES (UCLA)**

**Design/Media Arts**

11000 Kinross Ave., Suite 245  
Box 951615  
Los Angeles, CA 90095  
Tel: 310-825-9007  
Fax: 310-206-6676  
Web site: <http://www.design.ucla.edu>

*The program begins with the study of basic design elements and processes, historical perspectives and social issues are also introduced. At the upper division level, studio courses explore current uses of interactive media, new directions in visual communication design, including the study of time and motion, as well as virtual form and space in computer generated environments.*

**UNIVERSITY OF CALIFORNIA, LOS ANGELES (UCLA)  
EXTENSION**

**Computer Graphics and Graphic Design**

10995 Le Conte Ave.  
Los Angeles, CA 90024  
Tel: 310-206-6201  
Web site: <http://www.unex.ucla.edu>

*This professional program combines classes in both graphic design and computer graphics, preparing students for a range of opportunities in the visual communications industry. Those with no previous background in graphic design are especially encouraged to choose the combines Certificated Program in Computer Graphics and Graphic Design.*

**VENICE SKILLS CENTER**

**Desktop Publisher/Web Page Design**

611 5<sup>th</sup> Ave.  
Venice, CA 90291  
Tel: 310-392-4153 x119  
Web site: <http://www.veniceskills.org>

*The emphasis of this course is on the creation and development of Internet web pages, using HTML programming language. Students learn how to code text and graphics, create hyperlinks, map images, create frames, create tables and forms, work with Java Scripting, and produce multimedia presentations.*

**Graphic Design**

*This course prepares students for employment as a designer and production artist with emphasis on design and computer skills. Projects include designing logos, brochures, newsletters, advertisements, packaging and web pages. Software programs taught: QuarkXPress, Adobe Illustrator, Adobe Photoshop and Dreamweaver, using G-4 Macintosh computers.*

**WESTWOOD COLLEGE**

**Graphic Design & Multimedia**

3460 Wilshire Blvd., Suite 700  
Los Angeles, CA 90010  
Tel: 213-739-9999  
Web site: <http://www.westwoodcollege.com>

*The Graphic Design & Multimedia program prepares students for entry-level jobs in the graphic design and multimedia industry. Students learn to create effective designs that communicate visually in both print and multimedia environments. The combination of technical and general education courses in the program helps students develop skills in critical thinking, logic, communication, and problem solving. The program prepares graduates for positions as graphic designers, production artists, web page designers, and multimedia designers within a diverse industry.*

**WOODBURY UNIVERSITY**

**Graphic Design & Multimedia**

7500 Glenoaks Blvd. Dept. Chair: Bill H. Keeney  
Burbank, CA 91510  
Tel: 818-767-0888 x336  
Web site: <http://www.woodburyu.edu>

*The aim of the program is to prepare the student to enter the profession with the necessary and required skills and abilities. The study of graphics, typography, advertising, package design, and computer imaging is complemented by courses in business and the liberal arts. There are three concentrations: The Print concentration which prepares students to work as designers and art directors in advertising, publishing, packaging, and the traditional print areas of graphic design. The Multimedia concentration prepares students to develop and design multimedia presentations using the latest computer and digital imaging techniques. The Entertainment Graphics concentration prepares students to create the posters, graphics, and related marketing pieces used in the entertainment industries.*

**Music**

**AZUSA PACIFIC UNIVERSITY**

**Music**

901 E. Alosta Ave. Dean: Duane Funderburk, DMA  
 P.O. Box 7000  
 Azusa, CA 91702  
 Tel: 626-812-3020  
 Web site: <http://www.apu.edu/music>

*Offers a B.A. in Music with emphasis in Applied Music, Education, Commercial Music, Theory, and Church Music; a Master of Music in Performance with emphasis available in conducting, instrumental performance, piano performance, and vocal performance; and a Master of Music Education.*

**CALIFORNIA INSTITUTE OF THE ARTS (CalArts)**

**School of Music**

24700 McBean Parkway Dean: David Rosenboom  
 Valencia, CA 91355  
 Tel: 661-255-1050  
 Web site: <http://www.calarts.edu/music>

*The School of Music offers the following programs: Composition, Composition – New Media (graduate), Performance (Western Orchestral and Chamber Music Instruments, Piano/Keyboards, Guitar, Percussion, Vocal Studies, Jazz Studies, and World Music Performance), Performer/Composer, Performer/Composer – African American Improvisational Music (graduate), Music Technology, and Integrated Media (graduate).*

**CALIFORNIA STATE UNIVERSITY, DOMINGUEZ HILLS**

**Music**

1000 E. Victoria St. Dept. Chair: David Bradfield  
 Carson, CA 90747  
 Tel: 310-243-3543  
 Web site: <http://music1.csudh.edu/Music>

*The Department of Music offers the following program options: Bachelor of Arts in Audio recording, Electronic Music Synthesis, General Music, Music*

*Education, and Performance. Certificate in Audio Technology and Single Subject Music Education.*

**CALIFORNIA STATE UNIVERSITY, LONG BEACH (CSULB)**

**Music**

1250 Bellflower Blvd. Dept. Chair: John Carnahan  
 Long Beach, CA 90840  
 Tel: 562-985-4781  
 Web site: <http://www.csulb.edu/~music>

*The Department offers the following areas of concentration: Performance, Composition, Theory, History, Conducting, Music Education, Commercial Music and Jazz Studies. The diversity of interests within the Department is exemplified by the variety of performance organizations, including symphony orchestra, symphonic band, wind ensembles, jazz ensemble, choirs, various chamber groups, as well as opera workshop. The Department houses the California Institute for the Preservation of Jazz, a State-chartered institution dedicated to jazz performance, education and historical preservation. The Department of Music holds membership in the National Association of Schools of Music.*

**CALIFORNIA STATE UNIVERSITY, LOS ANGELES (CSULA)**

**Music**

5151 State University Dr. Dept. Chair: Mr. David Caffey  
 Los Angeles, CA 90032  
 Tel: 323-343-4060  
 Web site: <http://www.calstatela.edu/academic/music>

*The Bachelor of Music degree curriculum is designed to provide professional training for musicians seeking preparation for careers in performance, composition or jazz studies.*

*The Bachelor of Arts degree is available in three options: General, Music History, and Teaching. The General option is intended for those students seeking a broad education in music. The Music History option is for those interested primarily in developmental studies in music. The Teaching option is offered for those who wish to pursue the Single Subject Credential in music.*

*The Music Department also offers a Master of Music degree with seven options: Composition, Commercial Conducting, Choral Conducting, Instrumental Conducting, Keyboard Performance, Vocal Performance, and Instrumental Performance.*

*The Master of Arts degree in Music is offered with three options: General, Musicology, and Music Education.*

### **CITRUS COLLEGE**

#### **Music**

1000 W. Foothill Blvd.                      Assoc. Dean: Ben Bollinger  
Glendora, CA 91741  
Tel: 626-914-8581  
Web site: <http://www.citruscollege.com>

*The Music Department strives to prepare students for an ever-changing market and the expanding role of the musician in contemporary society. Areas of concentration include: Music Theory, Music History, musicianship, vocal music, jazz and commercial music, and musical performance.*

### **LONG BEACH CITY COLLEGE**

#### **Music**

4901 E. Carson St.                      Dept. Chair: Priscilla Remeta  
Long Beach, CA 90808  
Tel: 562-938-4309  
E-mail: [premeta@lbcc.edu](mailto:premeta@lbcc.edu)  
Web site: <http://www.lbcc.cc.ca.us>

*The Music Department offers nine options that will lead to an Associate's degree or a Certificate of Achievement. The Commercial Music Professional Technology program will prepare students for an entry-level position in a variety of music performance, film/video post-production, computer synthesis technician and corporate tech support. The Commercial Music Recording Engineer will prepare students for an entry-level position as an audio engineer in fields such as: recording studio, live sound, mastering, music video, foley, television, film, theater, and multimedia. The Commercial Music Record Producer program will prepare students for entry-level positions as a record producer in fields such as: recording studio, mastering, foley, music video, television, film,*

*theater, and multimedia. The Commercial Music Composer/Arranger will prepare students for an entry-level position in a variety of music performance, composition, and recording opportunities, i.e. production arranger, live performance composer/arranger, film/video music scoring, jingle writer, songwriter, string/wind arranger.*

### **LOS ANGELES CITY COLLEGE**

#### **Commercial Music**

855 N. Vermont Ave.                      Dept. Chair: Jane Blomquist  
Los Angeles, CA 90029  
Tel: 323-953-4378  
Web site: <http://www.lacc.cc.ca.us>

*The Commercial Music Certificate curriculum has been designed to provide the student with means to acquire valuable knowledge, expertise, and marketable skills with which to obtain employment in the following areas: Instrumental Performer (Brass, Guitar, Organ, Percussion, Piano, Strings, Woodwinds), Vocal Performer, Orchestrator/Arranger, Music Copyist, and Music Technology. Each Certificate is made up of four skill levels. A Commercial Music Certificate will be awarded upon completion of the four levels required for a given specialty.*

### **LOS ANGELES MUSIC ACADEMY (LAMA)**

370 S. Fair Oaks Ave.  
Pasadena, CA 91105  
Tel: 626-568-8850  
Web site: <http://www.lamusicacademy.com>

*The courses at LAMA will prepare the student to become a professional musician with skills to become a studio musician, independent contractor, private teacher, band member or work in the music business as a product specialist, salesman, artist relations in manufacturing companies, retail sales organizations, etc. There are frequent studio field trips, which allow students to witness live, recording sessions.*

**LOYOLA MARYMOUNT UNIVERSITY (LMU)**

**Music**

7900 Loyola Blvd.                      Dept. Chair: Mary C. Breden  
Los Angeles, CA 90045  
Tel: 310-338-5386  
Fax: 310-338-6046  
Web site: <http://www.lmu.edu/colleges/cfa/music>

*The Department of Music offers musical training for vocalists and instrumentalists. Students select a performing emphasis in one of the following areas: Voice, Piano, Guitar, Strings (violin, viola, cello, double bass), and Percussion.*

**Recording Arts**

Tel: 310-338-2737                      Dean: Thomas P. Kelly  
Fax: 310-338-3030  
Web site: <http://www.lmu.edu/colleges/cfa/comm/RECA>

*This program is equally spread between film/television sound and music engineering/production emphasis. Students explore the theoretical and practical elements of sound recording, reproduction, and design. Students are educated about sound behavior, reproduction and modification. They also learn audio engineering techniques as they apply to film/television sound and music recording. A Bachelor's degree is awarded upon completion of the program.*

**MUSIC CENTER – EDUCATION DIVISION**

135 N. Grand Ave.                      Tel: 213-250-ARTS  
Los Angeles, CA 90012                      Web site: <http://www.musiccenter.org>

*The Music Center was established in 1979 to provide opportunities for lifelong learning in the arts and to enrich education of all children by bringing the arts into the classroom. It currently offers 15 in-depth programs, including Center On Tour, and provides 13,000 performances annually.*

**PEPPERDINE UNIVERSITY**

**Music**

Fine Arts Department  
24255 Pacific Coast Hwy.                      Division Chair: Dr. Sonia Sorrell  
Malibu, CA 90263  
Tel: 310-456-4462  
Web site: <http://arachnid.pepperdine.edu/fineartsweb>

*The Bachelor of Arts in Music program in Pepperdine University provides an undergraduate liberal arts degree in music that is accredited by the National Association of Schools of Music. In the area of performance there are a variety of choral, instrumental, and vocal ensembles in which the student can participate in as classes for credit or as co-curricular activities. The Music Department offers basic academic classes in music which lead to an emphasis in one or two of four specialized areas: applied music (performances), music education, music history/literature, and music theory/composition.*

**THE FILM MUSIC INSTITUTE**

11601 Wilshire Blvd. Suite 5000  
Los Angeles, CA 90025  
Tel: 310-575-1820  
Fax: 310-575-1890  
Web site: <http://www.filmmusicinstitute.com>

*The Film Music Institute's sole focus is on music for film, television and multimedia exclusively. The courses are updated regularly and feature the latest information, technology, and techniques being used in the industry today. The Institute integrates the use of leading audio and computer technology throughout the courses, and emphasizes hands-on, practical exercises as part of every course. The facility includes digital audio and video, digital samplers, and a complete working film and television music studio integrated into the course room.*



**UNIVERSITY OF CALIFORNIA, LOS ANGELES (UCLA)**

**Music**

2539 Schoenberg Music Building

Box 951616

Los Angeles, CA 90095

Tel: 310-825-4761

Fax: 310-206-4738

Web site: <http://www.music.ucla.edu>

Dept. Chair: Jon Robertson

No. of Students: 370

2002-2003 graduates: 67

*The Department of Music at UCLA offers the following course of studies: Theory & Composition, Performance Practice, Major Performance Ensembles, Jazz Studies, Opera, Musical Theatre, Voice, Keyboard, Strings, Woodwinds, Brass & Percussion, and Music Education.*

**UNIVERSITY OF SOUTHERN CALIFORNIA (USC)**

**Thornton School of Music**

840 W. 34<sup>th</sup> St.

Los Angeles, CA 90089

Tel: 213-740-6935

Fax: 213-740-3217

Web site: <http://www.usc.edu/music>

Dean: Dr. Robert A. Cuttietta

No. of Students: 1,050

2002-2003 graduates: 300

*The Thornton School of Music at the University of Southern California offers instruction in virtually all professional and scholarly branches of music including instrumental performance, voice, opera, composition, scoring for motion pictures and television, music pedagogy, conducting, choral and sacred music, music education, jazz, early music, and music industry.*

**Associations / Support**

**AMERICAN FEDERATION OF MUSICIANS (AFM)**

3550 Wilshire Blvd., Suite 1900

Los Angeles, CA 90010

Tel: 213-251-4510

Fax: 213-251-4520

Web site: <http://www.afm.org>

*The American Federation of Musicians is the largest organization in the world representing the interest of professional musicians. AFM negotiates fair agreements, protects ownership of recorded music, secures benefits such as health care and pension. The AFM is committed to raising industry standards and placing the professional musician in the foreground of the cultural landscape.*

**AMERICAN INSTITUTE OF GRAPHIC ARTS (AIGA)**

**Los Angeles Chapter**

2321 W. Olive Ave. #1

Burbank, CA 91506

Tel: 818-558-3968

Fax: 818-558-7906

Web site: <http://www.aigalosangeles.org>

*The AIGA Los Angeles Chapter is committed to connecting LA's creative community through a year-round program of events, conferences and competitions that recognize design excellence and honor industry ethics, with special focus on design's impact on the local Southern California economy. The Los Angeles chapter has produces over 40 events, including the annual competition (SOUNDBLAST), an annual Web conference (E-DESIGN), and was a key player in an industry coalition that rewrote California Sales Tax Code #1540.*

**A.S.K. THEATER PROJECTS**

11845 W. Olympic Blvd., Suite 1250  
Los Angeles, CA 90064  
Tel: 310-478-5300  
Web site: <http://askplay.org>

*A.S.K. Theater Projects, a local and national resource for the theater and its artists, facilitates the creation of new work through a broad range of artistic and educational programs. A.S.K. offers an energetic year-round schedule of readings, practical labs, publications, on-line services, workshop productions, and regularly hosts symposia, festivals, caucuses and labs as forums for exploring issues vital to the theater. In addition, it contributes to the development of new theater through its Playwrights-in-the-Schools program and affiliations with like-minded organizations, locally, nationally and internationally.*

**EAST WEST PLAYERS**

**David Henry Hwang Theatre**  
at the Union Center for the Arts  
120 N. Judge John Aiso Street  
Los Angeles, CA 90012  
Telephone: 213.625.7000  
Fax: 213.625.7111  
Box Office: (213) 625-7000 x20  
E-mail: [info@eastwestplayers.org](mailto:info@eastwestplayers.org)  
Web site: <http://www.eastwestplayers.org>

*Established in 1965, East West Players is the nation's premier Asian American theatre organization producing outstanding works and educational programs that give voice to the Asian Pacific American experience. Besides the organization's four mainstage productions, East West players offers year-round educational programs designed to develop and nurture the growing community of Asian Pacific American artists. The Actors Conservatory challenges actors in various areas of acting and allows artists to continue to hone their craft in a professional environment. The David Henry Hwang Writers Institute fosters new writing for the stage and is a nationally recognized force in the creation of plays that embrace the voice of multi-ethnic America. The Alliance of Creative Talent Services is a career development program that serves as a conduit to the*

*entertainment industry, introducing Asian American artist to casting directors and executives.*

**NEW PLAYWRIGHTS FOUNDATION (NPF)**

608 San Vicente Blvd. #18  
Santa Monica, CA 90402  
Tel: 310-393-3682  
Web site: <http://www.newplaywrights.org>

*The New Playwrights Foundation is a non-profit, charitable, educational foundation formed in 1969. NPF has helped playwrights, screenwriters, actors, producers and directors to sharpen their talents and better realize their projects through an ongoing writer's workshop and other means. NPF has also often been able to aid playwright and writers for other media to procure production funds and services via donations, and by serving as an umbrella organization for new and unestablished theatre, video and film artists seeking grants for specific projects.*

**LOS ANGELES STAGE ALLIANCE**

644 S. Figueroa  
Los Angeles, CA 90017  
Tel: 213-614-0556  
Fax: 213-614-0561  
Web site: <http://www.lastagealliance.com>

*L.A. Stage Alliance is a non-profit association of 210 performing arts organizations and independent producers that support the performing arts in greater Los Angeles by uniting, representing and promoting the theatre community. L.A. Stage Alliance makes available to its members a variety of services, including: L.A. Stage TIX (half-price tickets to theatre productions throughout S. California), Theatre Times Directory, The Ovation Awards, Workshops, Roundtables and Conferences, Marketing Programs, and Advocacy. It also publishes a bi-monthly, full color gloss, performing arts magazine, called L.A. Stage magazine.*

**THE ACADEMY OF COUNTRY MUSIC**

4100 W. Alameda Ave., Suite 208  
Burbank, CA 91505  
Tel: 818-842-8400  
Fax: 818-842-8535  
E-mail: [info@acmcountry.com](mailto:info@acmcountry.com)  
Web site: <http://www.acmcountry.com>

*The Academy of Country Music is a not-for profit organization established in 1964 with the specific intention to support, promote and enhance the advancement of the country music industry worldwide.*

**THE GEFFEN PLAYHOUSE**

10886 Le Conte Ave.  
Los Angeles, CA 900  
Tel: 310-208-5454  
Fax: 310-208-8383  
Web site: <http://www.geffenplayhouse.com>

*The Geffen Playhouse offers Los Angeles theatre goers a season of five plays, as well as a variety of outreach and educational programs. The theatre is dedicated to presenting the best in both classic and contemporary plays and includes both West Coast and world premieres in its roster. It is dedicated to future generations of artists, educators, students, audiences, and community leaders by creating and developing cultural and educational programs that both enrich and inform the theatre experiences.*

## Other Manufacturing Industries

### Metal Fabrication & Plastics

*Employment (4/'01): 108,655*

*Number of Establishments (4/'01): 3,730*

*Shipments/Receipts (1997): \$14.9 Billion*

*NAICS Codes: 325211, 325991, 3261, 3315, 332, 3332, 3335*

### Education

#### Metal Fabrication

#### **CALIFORNIA STATE UNIVERSITY, LONG BEACH (CSULB)**

##### **Department of Engineering Technology**

1250 Bellflower Blvd.

Long Beach, CA 90840

Tel: 562-985-4271

Fax: 562-985-8022

Web site: <http://www.csulb.edu/colleges/coe/et/>

Dept. Chair: Dr. Emanuel Jarasunas

No. of Students: 130

2002-2003 graduates: 25

*Cal State Long Beach offers a Bachelor of Science in Engineering Technology (BSET). BSET has several program options such as computer technology, electronics technology, environmental technology, manufacturing technology, and quality assurance technology. Students get a hands-on experience in circuit board design in computer-assisted drafting and information systems. They also learn how to operate lathes, milling machines and modern test equipment. The department also offers 2 certificate programs: Safety Operation and Facilities Operation.*

#### **CALIFORNIA STATE UNIVERSITY, LONG BEACH UNIVERSITY COLLEGE AND EXTENSION SERVICES**

##### **Metal Forming Processes**

6300 State University Dr., Suite 104

Long Beach, CA 90815

Tel: 562-985-5561

Fax: 562-985-5823

Web site: <http://www.uces.csulb.edu>

*The Certificate in Metal Forming Processes is geared towards engineers who design and manufacture mechanical components and need to understand the importance of design for manufacture and producibility, managers in manufacturing who have direct interest in quality improvement and cost reduction. Students will learn Fundamentals of metal forming, Bulk metal forming processes, Sheet metal forming processes, Special forming processes, Part and tooling design, Quality assurance, and Economics of metal forming.*

#### **CERRITOS COLLEGE**

##### **Machine Tool Technology**

11110 Alondra Blvd.

Norwalk, CA 90650

Tel: 562-860-2451 x2912

Fax: 562-467-5071

Web site: <http://www.cerritos.edu>

Dept. Chair: Jon Bender

No. of Students: 654

2002-2003 graduates: 39

##### **Computer Assisted Design (CAD)/Manufacturing (CAM)**

*Cerritos College offers one of the most extensive CAD and CAM programs using the latest software available. The programs are designed to serve beginner as well as advanced CAD and CAM students. Professors teach students about the finer points of mechanical drafting, tool design, and sheet metal. Some of the courses offered include blue print reading, design and production technology, and architecture.*

##### **Machinist Training Program**

*The Cerritos College machine tool technology program covers the entire spectrum of the modern machine trade including math, inspection, blueprint reading, metallurgy, machine tool, and basic machine operation. The program provides training on state-of-the-art equipment and prepares students for jobs in the aerospace, commercial, and maintenance machinist trades.*

### **EAST LOS ANGELES SKILLS CENTER**

#### **Electronic Drafter/CAD**

3921 Selig Place  
Los Angeles, CA 90031  
Tel: 213-227-0018  
E-mail: [info@lausd.k12.us.elasc](mailto:info@lausd.k12.us.elasc)  
Web site: [http://www.lausd.k12.ca.us/lausd/offices/dace/East\\_Los\\_Angeles\\_SC](http://www.lausd.k12.ca.us/lausd/offices/dace/East_Los_Angeles_SC)

*The program trains students in the electronic drafting field, trains students to prepare schematic diagrams, block diagrams, control drawings, logic diagrams, integrated circuit drawings, inter-connection diagrams, and trains students how to use drafting machines.*

#### **Machinist**

*This program trains students for employment as machine tools operators. Skills taught include: how to use necessary hand tools; how to perform bench work measurement and layout; how to operate drilling machines, lathes, and milling machines. It also trains students how to inspect basic machine parts.*

### **EL CAMINO COLLEGE**

#### **Industry and Technology Department**

Adm. Building                      Dean: Ron Way  
16007 Crenshaw Blvd.  
Torrance, CA 90506  
Tel: 310-532-3670  
Fax: 310-660-3106  
Web site: <http://www.elcamino.cc.ca.us>

*El Camino College offers an associate in science degree in machine tool technology with the option of machinist or numerical control programmer, manufacturing technology/management with options in numerical control programmer, machine operator, or computer aided design. The objective of the curriculums is to prepare students for gainful employment in machine shops, tool rooms, and instrument and experimental laboratories, or review and upgrade the skills of employed industrial personnel.*

### **INTERNATIONAL TECHNICAL COLLEGE (INTECH)**

14767 Calvert St.  
Van Nuys, CA 91411                      Administrator: Jacqueline Vigil  
Tel: 818-376-4087  
Fax: 818-376-4089  
Web site: <http://www.intechcollege.com>

*Intech College offers certification in lathe operator, computer numerical control programmer/operator, and general machinist, among other areas.*

### **LONG BEACH CITY COLLEGE**

#### **School of Trades and Industrial Technologies**

1305 E. Pacific Coast Highway  
Long Beach, CA 90806                      Dean: Farley Herzek  
Tel: 562-938-3057  
Fax: 562-938-3973  
E-mail: [herzek@lbcc.edu](mailto:herzek@lbcc.edu)  
Web site: <http://www.lbcc.cc.ca.us>

*Long Beach City College School of Trades and Industrial Technologies offers a program certificate and/or associate in science degree in sheet metal, tool designer manufacturing technology, welding technology, machine operator/ manufacturing technology, and machine tool technology. The programs are designed to prepare students for entry-level positions in the aerospace or manufacturing industry.*

### **LOS ANGELES PIERCE COLLEGE**

#### **Industrial Technology Department**

6201 Winnetka Ave.                      Dept. Chair Ron Smetzer  
Woodland Hills, CA 91371  
Tel: 818-347-0551  
Fax: 818-710-9844  
Web site: <http://www.lapc.cc.ca.us>

*The Pierce College Industrial Technology Department offers associate degrees and certificates in machine shop, computer numerical control, drafting/CAD, automotive technology, wood technology, and welding.*

## **LOS ANGELES TRADE TECHNICAL COLLEGE**

### **Manufacturing Technology Department**

400 W. Washington Blvd.

Los Angeles, CA 90015-4181

Tel: 213-763-7000

TDD: 213-763-5375

Fax: 213-763-5375

Web site: <http://www.lattc.cc.ca.us>

Dean: Sharon Tate

No. of Students: 90

2002-2003 graduates: 30

*Los Angeles Trade-Technical College offers an associate in science degree in machine shop/CNC. The program provides students training in the traditional, hand controlled tools of the machinist as well as the sophisticated skills of computer assisted design (CAD) for drawings and computer assisted manufacturing (CAM) to control production machinery. Also available is the Machine Shop/CNC Tech Prep degree program that begins in high school, progresses to an associate of science degree at LA Trade-Tech, and concludes at Cal State L.A. where a bachelor's degree is awarded.*

## **UNIVERSITY OF SOUTHERN CALIFORNIA (USC)**

### **Daniel J. Epstein Dept. of Industrial and Systems Engineering**

Andrus Gerontology Center 240

Los Angeles, CA 90089

Tel: 213-740-4893

Fax: 213-740-1120

Web site: <http://www.usc.edu>

Dept. Chair: Dr. Randolph Hall

No. of Students: 400

2002-2003 graduates: 110

*The USC Industrial and Systems Engineering Department focuses on the preparation of an "integration engineer" who can address the needs of both engineers and managers to effectively produce a product or service. This goal builds on training in the fundamentals of mathematics and basic sciences as well as training in business management, worker motivation, and resource optimization.*

## **Plastics**

## **CERRITOS COLLEGE**

### **Plastics/Composites Manufacturing**

11110 Alondra Blvd.

Norwalk, CA 90650

Tel: 562-860-2451 x2927

Web site: <http://www.cerritos.edu/mt/pmt/plas-des.html>

Program Coord: Terry Price

*The Plastics Department is designed to serve the needs of those who are "new" to the technology as well as "experienced" professionals who wish to broaden their knowledge, keeping pace with the latest trends in the industry, and becoming competitive in a world-wide business environment. The Department offers four options in which students can choose to obtain an A.A. degree or Certificate of Achievement. The four options are: Composites Manufacturing, Composite Inspection, Plastic/Composite Tool Design, and Plastics Manufacturing. Upon completion of the program a student is prepared to work in areas of injection, compression and extrusion molding, mold laminating, plastic mold design and fabrication, as well as testing equipment set up, maintenance, and tooling.*

## **SOUTHEAST REGIONAL OCCUPATIONAL PROGRAM (ROP)**

### **Plastics**

20122 Cabrillo Lane

Cerritos, CA 90703

Tel: 562-403-7382

Fax: 562-860-1829

Web site: <http://www.southeastrop.com>

*The Certificate in Plastics program develops skills in design, construction, and use of fiberglass and thermoforming molds; setup and operation of manual and computer assisted engravers, hot foil stamping machine, laminating press, and plastics machinery and tools.*

**CALIFORNIA STATE POLYTECHNIC UNIVERSITY (Cal Poly),  
POMONA**

**Manufacturing Engineering**

3801 W. Temple Ave. Dept. Chair: Dr. Abdul Sadat  
Pomona, CA 91768 No. of Students: 115  
Tel: 909-869-2555 2002-2003 graduates: 25  
Fax: 909-869-2564  
Web site: <http://www.engineering.csupomona.edu/ime>

*Manufacturing engineering students are given a solid foundation in production processes and techniques, properties of materials, computers and automation, management and professional communication. These building blocks are then combined and studied as manufacturing systems and then related to the most recent manufacturing technologies. Students get lab experience in metal removal processes, forming and assembly, computer, numerical control, robotics, CAD/CAM and plastics engineering.*

**Associations**

**SOCIETY OF MANUFACTURING ENGINEERS**

One SME Dr.  
P.O. Box 930  
Dearborn, MI 48121  
Tel: 800-733-4763  
Fax: 313-271-2861  
Web site: <http://www.sme.org>

*In 1997, The Society of Manufacturing Engineers created the Manufacturing Education Plan, which is a joint effort between industry and education to transform manufacturing education to better prepare tomorrow's engineers to meet the accelerated technical and business advancements of the 21<sup>st</sup> century.*

**PROJECT TITLE:** Engineering Education through Vicarious Experiences

**INSTITUTIONS:** University of Southern California; California State University, Los Angeles

*INDUSTRY PARTNERS: Jet Propulsion Laboratory, The Boeing Company, LeFiell, TRW Space and Electronics, Northrop Grumman Corporation, Hughes Electronics.*

*SPECIAL RESEARCH PROJECT: The development of ten engineering case studies that focus on the product realization process within the context of a globally competitive market. The structure of each case will be designed to address the competency gaps identified by industry.*

*SME also co-produces WESTEC, North America's largest annual metalworking and manufacturing exposition.*

**SMALL MANUFACTURERS ASSOCIATION (SMA)**

1603 Don Carlos Ave.  
Glendale, CA 91208  
Tel: 818-242-7658  
Fax: 818-240-5441  
Web site: <http://www.schobers.com/sma>

*SMA represents about 800 small- and medium-sized manufacturing companies throughout the United States. SMA provides advocacy and benefits to its members, which includes assistance on gaining access to capital and other resources, contacts for expanding customer base, representation on legislation and regulatory matters, and workshops on labor and computer literacy.*

**NATIONAL TOOLING & MACHINING ASSOCIATION (NTMA)**

**Los Angeles Chapter**

111 E. Avenida San Gabriel Tel: 949-369-7309  
San Clemente, CA 92672 Fax: 949-366-1057  
Web site: <http://www.lantma.org>

*The National Tooling and Machining Association (NTMA) is a trade organization representing the precision custom manufacturing industry throughout the United States. The NTMA's mission is to lead North America Precision Custom Manufacturers in achieving maximum business success by providing a center of knowledge emphasizing marketing, networking, finance, technology, education and government affairs. Special programs include plant tours and dinner meetings with specified subjects about the industry.*

**NTMA San Fernando Valley Chapter**

12140 Victory Blvd.  
North Hollywood, CA 96068  
Tel: 818-985-1899  
Fax: 818-985-1974  
Web site: <http://www.sfmtma.org>

**LA/ NTMA Training Center**

14926 Bloomfield Ave.  
Norwalk, CA 90650  
Tel: 562-921-3722  
Fax: 562-802-0894

**Ontario/ NTMA Training Center**

1717 S. Grove Avenue  
Ontario, CA 91761-4530  
Tel: 909-947-9363  
Fax: 909-947-7993

**Orange County/ NTMA Training Center**

3036 Enterprise Street  
Costa Mesa, CA 92626  
Tel: 714-545-3202  
Fax: 714-545-3624

*The NTMA Training Centers offer entry-level instruction in the basics of machining. This class is intensive and full-time, with trainees learning the set up and operation of mills, lathes, grinders, grill presses, and saws. The Training Centers also offer retraining for professional machinists, mold makers, and other metalworking professionals. The CNC (Computer Numerically Controlled) course offers the opportunity to learn the latest technology on state-of-the-art equipment.*

**THE SOCIETY OF THE PLASTICS INDUSTRY, INC. (SPI)**

Headquarters:	Western Regional Office:
1801 "K" St., N.W.	2151 Michelson Dr., Suite 240
Suite 600K	Irvine, CA 92612
Washington, DC 20006	Tel: 949-261-6979
Tel: 202-974-5200	Fax: 949-261-6959
Fax: 202-296-7005	
Web site: <a href="http://www.plasticsindustry.org">http://www.plasticsindustry.org</a>	

*The mission of SPI is to be the world class trade association representing the entire plastics industry in a way that promotes the development of the plastics industry and enhances the public's understanding of its contributions while meeting the needs of society and providing value to its members. Its objectives are:*

- *Represents and serves as the spokesperson for the industry locally, nationally and internationally, with emphasis on influencing public policy on issues of concern to the industry.*
- *Works to promote the accomplishments of the plastics industry enhance its image and improve the business climate.*
- *Promotes industry growth, competitiveness and the advancement of technology.*

*SPI sponsors two major trade shows, NPE and Plastics USA, providing a showcase for the industry and its products and an unparalleled forum for industry interaction.*



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