



## Aerospace Products and Research

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

**Type of Institution** University

**Industry** Aerospace Products and Research

**NAICS Code** 3364, 33422, 334511, 54171X

**Department**

**Program Name**

**Contact** Ares J. Rosakis

**Title** Director

**Street** 1200 E. California Blvd., MC 205-45, 225 Guggenheim

**City** Pasadena

**State** CA

**Zip Code** 91125

**Phone** 626-395-4750

**Fax** 626-449-2677

**Email** [rosakis@aero.caltech.edu](mailto:rosakis@aero.caltech.edu)

**Website** <http://www.galcit.caltech.edu>

**Description** *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*

**Los Angeles County Economic Development Corporation**  
**The Kyser Center for Economic Research**  
444 S. Flower St., 34th Fl., Los Angeles, CA 90071  
Phone: 888-4-LAEDC-1  
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## Aerospace Products and Research

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

**Type of Institution** University

**Industry** Aerospace Products and Research

**NAICS Code** 3364, 33422, 334511, 54171X

**Department** College of Engineering

**Program Name** Aerospace Engineering

**Contact**

**Title**

**Street** 3801 W. Temple Ave.

**City** Pomona

**State** CA

**Zip Code** 91768

**Phone**

**Fax**

**Email**

**Website** <http://www.aro.csupomona.edu>

**Description** *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.*



## Aerospace Products and Research

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

**Type of Institution** University

**Industry** Aerospace Products and Research

**NAICS Code** 3364, 33422, 334511, 54171X

**Department** Mechanical and Aerospace Engineering

**Program Name** Aerospace Engineering

**Contact** Dr. Hamid Hefazi

**Title**

**Street** 1250 Bellflower Blvd.

**City** Long Beach

**State** CA

**Zip Code** 90840

**Phone** 562-985-1503

**Fax**

**Email** me-info@csulb.edu

**Website** <http://www.csulb.edu/colleges/coe/mae/views/programs/undergrad/index.shtml>

**Description** *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. 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.*



## Aerospace Products and Research

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

**Type of Institution**    **University**

**Industry**    **Aerospace Products and Research**

**NAICS Code**    **3364, 33422, 334511, 54171X**

**Department**    **College of Engineering and Aviation**

**Program Name**    **Aviation Administration Program**

**Contact**    **Dr. Keith Mew**

**Title**

**Street**    **5151 State University Drive**

**City**    **Los Angeles**

**State**    **CA**

**Zip Code**    **90032**

**Phone**    **323-343-4550**

**Fax**    **323.343.4571**

**Email**    **kmew@calstatela.edu**

**Website**    **<http://www.calstatela.edu/academic/ecst/tech/aviation/index.htm>**

**Description**    *The Aviation Administration major is a "2 + 2 Articulation" program. Because Cal State L.A. does not offer lower division Aviation Administration courses, students in the program complete their first two years at a local community college and then transfer to Cal State L.A. to obtain a Bachelor of Science degree in Aviation Administration.*

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## Aerospace Products and Research

**Institution**    **GLENDALE COMMUNITY COLLEGE**

**Type of Institution**    Community College

**Industry**    Aerospace Products and Research

**NAICS Code**    3364, 33422, 334511, 54171X

**Department**    **Technology and Aviation**

**Program Name**    **Aviation and Transportation**

**Contact**    Scott Rubke

**Title**    Division Chair

**Street**    1500 Verdugo Rd Glendale, CA 91208

**City**    Glendale

**State**    CA

**Zip Code**    91208

**Phone**    818-240-100 x 5541

**Fax**    818-549-9436

**Email**    srubke@glendale.edu

**Website**    <http://www.glendale.edu/technology/AviationandTransportation/index.htm>

**Description**    *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.*

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## Aerospace Products and Research

**Institution** JET PROPULSION LABORATORY (JPL)

**Type of Institution** Community College

**Industry** Aerospace Products and Research

**NAICS Code** 3364, 33422, 334511, 54171X

**Department** California Institute of Technology

**Program Name**

**Contact** Charles Elachi

**Title**

**Street** 4800 Oak Grove Dr.

**City** Pasadena

**State** CA

**Zip Code** 91109

**Phone** 818-354-4321

**Fax** 818-393-4641

**Email** charles.elachi@jpl.nasa.gov

**Website** <http://www.jpl.nasa.gov/index.cfm>

**Description** *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.*

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## Aerospace Products and Research

Institution **LONG BEACH CITY COLLEGE**

Type of Institution Community College

Industry Aerospace Products and Research

NAICS Code 3364, 33422, 334511, 54171X

Department **School of Trade and Industrial Technologies**

Program Name **Aviation**

Contact Steve King

Title

Street 4901 E. Carso St.

City Long Beach

State CA

Zip Code 90808

Phone 562-938-4387

Fax 562-938-4387

Email skyking@lbcc.edu

Website <http://www.longbeachccaviation.com/contact.html>

Description *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.*



## Aerospace Products and Research

**Institution** MT. SAN ANTONIO COLLEGE

**Type of Institution** Community College

**Industry** Aerospace Products and Research

**NAICS Code** 3364, 33422, 334511, 54171X

**Department** Technology and Health Division

**Program Name** Aeronautics and Transportation Department

**Contact** Robert Rogus, Linda Rogus

**Title** Co-Chair

**Street** 1100 N. Grand Avenue

**City** Walnut

**State** CA

**Zip Code** 91789

**Phone** 909-594-5611 x3098

**Fax**

**Email** rrogus@mt.sac.edu/ lrogus@mt.sac.

**Website** <http://www.mtsac.edu/instruction/technology/aeronautics/faculty.html>

**Description** *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.*





## Aerospace Products and Research

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

**Type of Institution**    Community College

**Industry**    Aerospace Products and Research

**NAICS Code**    3364, 33422, 334511, 54171X

**Department**

**Program Name**

**Contact**    Mr. Juan Urdiales

**Title**    Principal

**Street**    11450 Sharp Avenue

**City**    Mission Hills

**State**    CA                      **Zip Code**    91345

**Phone**    818-365-9645

**Fax**

**Email**

**Website**    <http://www.nvoc.org/html/general.html>

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



## Aerospace Products and Research

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

**Type of Institution** University

**Industry** Aerospace Products and Research

**NAICS Code** 3364, 33422, 334511, 54171X

**Department** Henri Samueli School of Engineering & Applied Sciences

**Program Name** Mechanical & Aerospace Engineering Department

**Contact** Chen, Jiun-Shyan

**Title**

**Street** 420 Westwood Plaza 48-121 Engineering IV

**City** Los Angeles

**State** CA

**Zip Code** 90095

**Phone** 310-825-7793

**Fax** 310-206-2222

**Email** MAEAPP@EA.UCLA.EDU/

**Website** <http://www.mae.ucla.edu/>

**Description** *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.*

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## Aerospace Products and Research

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

**Type of Institution** University

**Industry** Aerospace Products and Research

**NAICS Code** 3364, 33422, 334511, 54171X

**Department** Engineering and Technical Management

**Program Name** Astronautical Engineering

**Contact**

**Title**

**Street** 10995 La Conte Avenue

**City** Los Angeles

**State** CA

**Zip Code** 90024

**Phone** 310-825-9971

**Fax**

**Email**

**Website** <http://www.uclaextension.edu/>

**Description** *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.*

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## Aerospace Products and Research

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

**Type of Institution** University

**Industry** Aerospace Products and Research

**NAICS Code** 3364, 33422, 334511, 54171X

**Department** Vertibi School of Engineering

**Program Name** Aerospace and Mechanical Engineering

**Contact** Dr. Michael E. Kassner

**Title**

**Street** Department of Aerospace and Mechanical Engineering, OHE 430

**City** Los Angeles

**State** CA

**Zip Code** 90089

**Phone** 213-740-5324

**Fax** 213-740-8071

**Email** ame@usc.edu

**Website** <http://ame-www.usc.edu/>

**Description** *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.*

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## Aerospace Products and Research

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

**Type of Institution** University

**Industry** Aerospace Products and Research

**NAICS Code** 3364, 33422, 334511, 54171X

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

**Program Name**

**Contact** Dr. Petros Ioannou

**Title** Director

**Street** 3740 McClintock Avenue, EEB 200

**City** Los Angeles

**State** CA

**Zip Code** 90089

**Phone** 213-740-4452

**Fax**

**Email** ioannou@usc.edu

**Website** <http://www.usc.edu/dept/ee/catt/index.html>

**Description** *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.*

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## Aerospace Products and Research

**Institution**    **WEST LOS ANGELES COLLEGE**

**Type of Institution**    Community College

**Industry**    Aerospace Products and Research

**NAICS Code**    3364, 33422, 334511, 54171X

**Department**    **Aviation and Travel Division**

**Program Name**    **Aviation**

**Contact**    Craig Wilder

**Title**

**Street**    9000 Overland Avenue

**City**    Culver City

**State**    CA

**Zip Code**    90230

**Phone**    310-287-4515

**Fax**    310-841-0396

**Email**

**Website**    <http://www.wlac.edu/aviationtravel/index.html>

**Description**    *The Aviation Department offers an Aviation Maintenance Technician Associates Degree, an Airframe Maintenance Technician Certificate, and Aircraft Power plant Technician Certificate.*



## Aerospace Products and Research

**Institution** WESTWOOD COLLEGE OF AVIATION TECHNOLOGY

**Type of Institution** Community College

**Industry** Aerospace Products and Research

**NAICS Code** 3364, 33422, 334511, 54171X

**Department** Redstone College

**Program Name** Airframe and Powerplant

**Contact**

**Title**

**Street** 8911 Aviation Blvd.

**City** Inglewood

**State** CA

**Zip Code** 90301

**Phone** 1-800-281-2978

**Fax**

**Email**

**Website** <http://www.westwoodcollege.com>

**Description** *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.*



## Aerospace Products and Research

Institution **AIR TRANSPORT ASSOCIATION OF AMERICA (ATA)**

Type of Institution Association

Industry Aerospace Products and Research

NAICS Code 3364, 33422, 334511, 54171X

Department

Program Name

Contact

Title

Street 1301 Pennsylvania Ave., NW, Suite 1100

City Washington DC

State

Zip Code 20004

Phone 202-626-4000

Fax

Email [ata@airlines.org](mailto:ata@airlines.org)

Website <http://www.airlines.org/>

Description *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.*

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## Aerospace Products and Research

**Institution**    **AMERICAN ELECTRONICS ASSOCIATION (AeA)**

**Type of Institution**    Association

**Industry**    Aerospace Products and Research

**NAICS Code**    3364, 33422, 334511, 54171X

**Department**

**Program Name**

**Contact**    JoElla Lapiana

**Title**    Executive Director

**Street**    6320 Canoga Avenue Suite #220

**City**    Woodland Hills

**State**    CA                      **Zip Code**    91367

**Phone**    818-226-3800

**Fax**    818-226-0400

**Email**    LACounci@aeonet.org

**Website**    <http://www.aeonet.org/AeACouncils/LACouncilStart.asp>

**Description**    *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.*

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## Aerospace Products and Research

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

**Type of Institution** Association

**Industry** Aerospace Products and Research

**NAICS Code** 3364, 33422, 334511, 54171X

**Department**

**Program Name**

**Contact** Charles Kilmer

**Title**

**Street** 999 N Sepulveda Blvd. Suite 440

**City** El Segundo

**State** CA

**Zip Code** 90245

**Phone** 310-726-5000

**Fax** 310-726-5004

**Email** hansen@hrpsystems.com

**Website** <http://www.aiaa.org/>

**Description** *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*





## Aerospace Products and Research

Institution **ESSIX AVIATION INC.**

Type of Institution Association

Industry Aerospace Products and Research

NAICS Code 3364, 33422, 334511, 54171X

Department

Program Name

Contact

Title

Street 11601 S. Western Ave., Suite 110

City Los Angeles

State CA

Zip Code 90047

Phone 323-242-1850

Fax

Email [essix\\_aviation@yahoo.com](mailto:essix_aviation@yahoo.com)

Website <http://pilotcareercenter.com/TrainingDetail.asp?TSID=1260>

Description *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.*

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