

# Career Planning Strategies

## FRESHMAN

<b>Inquiry and Awareness</b>	<ul style="list-style-type: none"> <li>Enroll in courses with help of academic advisors.</li> <li>Enroll in COUN 191.</li> <li>Enroll in University 100.</li> <li>Visit Career Development Center explore major and/or career interests.</li> </ul>	<ul style="list-style-type: none"> <li>Schedule an appointment with career counselor.</li> <li>Attend Job Fair.</li> <li>Attend a CDC workshop on deciding on a major.</li> <li>Register in BeachLINK.</li> </ul>	<ul style="list-style-type: none"> <li>Become familiar with CSULB Catalog and Schedule of Classes.</li> <li>Visit the CDC website for information on services and special events.</li> </ul>
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<b>SUMMER</b>	<ul style="list-style-type: none"> <li>Obtain employment and develop skills.</li> </ul>	<ul style="list-style-type: none"> <li>Attend CDC workshops.</li> <li>Develop a resume.</li> <li>Upload resume on BeachLINK.</li> </ul>	<ul style="list-style-type: none"> <li>Visit the Career Resource Library in the CDC.</li> </ul>
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## SOPHOMORE

<b>Assess: Interests, Skills and Values.</b>	<ul style="list-style-type: none"> <li>Meet with department and academic advisor.</li> <li>Discuss education and career interests with career counselor, peers, faculty and family.</li> </ul>	<ul style="list-style-type: none"> <li>Attend internship and job fairs.</li> <li>Talk to people in various careers.</li> </ul>	<ul style="list-style-type: none"> <li>Join organizations in your interest area(s).</li> <li>Schedule an appointment with a career counselor to discuss interests and other assessments.</li> </ul>
<b>Explore Career Interests</b>	<ul style="list-style-type: none"> <li>Explore internship possibilities; visit CDC.</li> </ul>	<ul style="list-style-type: none"> <li>Access BeachLINK.</li> </ul>	

<b>SUMMER</b>	<ul style="list-style-type: none"> <li>Obtain employment and develop skills.</li> </ul>	<ul style="list-style-type: none"> <li>Meet with career counselor to discuss career options.</li> </ul>	<ul style="list-style-type: none"> <li>Use the Career Resource Library to research career options.</li> </ul>
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## JUNIOR

<b>Targeting Career Decisions</b>	<ul style="list-style-type: none"> <li>Take classes in your major.</li> <li>Attend internship and job fairs.</li> <li>Attend workshop on resumes, interviewing, and job search.</li> <li>Obtain career-related experience.</li> <li>Enroll in COUN 360I.</li> </ul>	<ul style="list-style-type: none"> <li>Narrow career options through further research.</li> <li>Assess interests, skills and values.</li> <li>Is graduate school in your future?</li> <li>Attend workshops on applying to graduate school.</li> <li>Access BeachLINK.</li> </ul>	<ul style="list-style-type: none"> <li>Attend graduate and professional school fair.</li> <li>Take electives in other areas to enhance your qualifications.</li> <li>Build a network (contacts).</li> <li>Develop/update a resume.</li> <li>Visit CDC website.</li> </ul>
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<b>SUMMER</b>	<ul style="list-style-type: none"> <li>Obtain a summer internship/related experience.</li> <li>Compile inventory of interests, skills and qualifications.</li> </ul>	<ul style="list-style-type: none"> <li>Meet with career counselor.</li> </ul>	<ul style="list-style-type: none"> <li>Attend workshop on resumes, interviews, and job search techniques.</li> <li>Revise resume.</li> </ul>
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## SENIOR

<b>Job Search Campaign</b>	<ul style="list-style-type: none"> <li>Complete the course requirements in your major.</li> <li>Continue networking.</li> <li>Identify and utilize multiple resources.</li> </ul>	<ul style="list-style-type: none"> <li>Attend Job Fair.</li> <li>Attend workshop on resumes, interviews, and job search techniques.</li> <li>Update resume.</li> <li>Access BeachLINK.</li> </ul>	<ul style="list-style-type: none"> <li>Participate in On-Campus Recruitment.</li> <li>Attend employer information sessions.</li> </ul>
<b>Graduate School</b>	<ul style="list-style-type: none"> <li>Identify graduate programs.</li> <li>Review application process.</li> </ul>	<ul style="list-style-type: none"> <li>Take entrance exams.</li> <li>Research financing graduate school.</li> </ul>	<ul style="list-style-type: none"> <li>Attend graduate and professional school fairs.</li> </ul>

**To develop an individualized career plan, schedule an appointment with a career counselor.**

Call **(562) 985-4151** or visit **Brotman Hall, Room 250** to schedule an appointment.

<http://careers.csulb.edu>

# Aerospace Engineering



*Major/Career Profile*

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## General Description

Aerospace engineers research, design, develop and test aircraft, spacecraft and military systems. The type of knowledge required to engineer these systems includes: aircraft and spacecraft performance and design, aircraft stability and control, structures, materials and propulsion systems.

Educational and training for aerospace engineering is a B.S. degree in engineering with a concentration in Aerospace. Advanced positions require an M.S. or Ph.D. Military experience is beneficial. Additional education in management or business is essential for future management positions.

## Career Options

Graduates with this major have found work as: Aeronautical Engineer, Air Traffic Engineer, Airport Engineer, Systems Engineer, Design Engineer, Test Engineer, Sales Engineer, Safety Engineer, Purchasing Agent, Quality Control Specialist, Technical Writer, and Manufacturer's Representative. Some of these careers require additional education or experience.

## Typical Employers

Employers of aerospace engineers include aircraft/spacecraft manufacturers, commercial airlines and consulting firms. Opportunities also exist in federal agencies such as NASA, the Department of Defense and all branches of the military. Colleges and universities employ aerospace engineers to teach or conduct research.

## Salary and Employment Outlook

With recent increases in defense related expenses, numerous aerospace engineering positions have appeared in the military sector of the industry. The commercial sector depends on fluctuating demand. The commercial spacecraft and launch vehicle market is expected to rebound by the end of the decade. Also, the present fleet of commercial aircraft is aging and will need to be replaced with newer, more technologically advanced vehicles.

Salaries will vary by size and type of employer, geographical location, course work and related experience. Consult the Career Development Center for current local and national salary information.

## For further information, contact:

**Career Development Center**  
Brotman Hall, Room 250  
(562)985-4151  
[careers.csulb.edu](http://careers.csulb.edu)

**Chairperson or Undergraduate Advisor**  
College of Engineering  
ECS 635  
(562) 985-1563

**Aerospace Industries Association of America**  
1250 Eye St., NW  
Washington, D.C. 20005

*The Career Development Center is a Department of the Student Services Division. CSULB is an Equal Opportunity Employer/Educational Institution.*