

# AVIATION MANAGEMENT ASSOCIATE IN SCIENCE DEGREE

**Division:** Career Technical Education

**PROGRAM CODE:** 1S03772

Financial Aid Eligible

The **Aviation Management Associate in Science Degree** provides students with a career path for attaining the foundational skills, practical knowledge, and technical training for pursuing a career in aviation management. Students completing this degree will develop advanced understanding of the safety, security, service, and regulatory requirements necessary to work in aviation management. To earn an Associate Degree students must complete all graduation requirements to include: (1) all major course requirements with a grade of C or better; (2) Cypress College Native General Education requirements; California State University General Education Breadth requirements (CSU GE Breadth) or IGETC General Education requirements; (3) the social justice, equity, and sustainability and reading requirements; (4) any elective courses to complete a minimum of 60 units; and, (5) have a minimum GPA of 2.0. At least 50% of all major course work must be completed at Cypress College. Courses that fulfill major requirements for an Associate Degree at Cypress College might not be the same as those required for completing the major at a transfer institution offering a Baccalaureate Degree. For information on specific university requirements, please consult with your counselor, or visit the Transfer Center. This degree requires a total of 35-36 units.

| Code                                                                    | Title                                | Units     |
|-------------------------------------------------------------------------|--------------------------------------|-----------|
| <b>Required Courses are listed in suggested sequence (24-25 units):</b> |                                      |           |
| ATC 102 C                                                               | Career Communication and Portfolio   | 3         |
| ATC 104 C                                                               | Air Transportation                   | 3         |
| or ATC 270 C                                                            | Airline Operations                   |           |
| ATC 112 C                                                               | Homeland Security                    | 3         |
| ATC 116 C                                                               | Aviation and Transportation Security | 3         |
| or ATC 256 C                                                            | Crew Resource Management             |           |
| ATC 118 C                                                               | Disaster Preparedness Response       | 3         |
| or ATC 274 C                                                            | Passenger Services and Safety        |           |
| ATC 132 C                                                               | Private Pilot                        | 3-4       |
| or ATC 271 C                                                            | Airport Operations                   |           |
| ATC 182 C                                                               | Cultural Tourism                     | 3         |
| or ATC 183 C                                                            | Customer Care: Airline/Travel        |           |
| ATC 212 C                                                               | Airline and Aviation Management      | 3         |
| <b>Elective Courses: (11 units)</b>                                     |                                      | <b>11</b> |

To complete all major course requirements, students must complete 11 units from the list below (if not already taken as a required course)

|           |                                      |   |
|-----------|--------------------------------------|---|
| ATC 100 C | Introduction to Aviation             | 3 |
| ATC 116 C | Aviation and Transportation Security | 3 |
| ATC 123 C | Travel Sales and Tour Operations     | 3 |
| ATC 126 C | Travel Management                    | 3 |
| ATC 132 C | Private Pilot                        | 4 |
| ATC 136 C | Air Navigation                       | 3 |
| ATC 140 C | Meteorology                          | 3 |

|                    |                                                      |              |
|--------------------|------------------------------------------------------|--------------|
| ATC 180 C          | Tourism and Conference Management                    | 3            |
| ATC 192 C          | Airline Reservations - SABRE                         | 3            |
| ATC 196 C          | Flight Simulator Private Pilot                       | 2            |
| ATC 240 C          | Commercial Pilot (formerly Commercial Pilot Seminar) | 3            |
| ATC 256 C          | Crew Resource Management                             | 3            |
| ATC 274 C          | Passenger Services and Safety                        | 3            |
| ATC 278 C          | Public Relations                                     | 3            |
| ATC 295 C          | Aviation and Travel Internship                       | 3            |
| ATC 298 C          | Aviation and Travel Seminar                          | 0.5-12       |
| ATC 299 C          | Independent Study                                    | 0.5-2        |
| <b>Total Units</b> |                                                      | <b>35-36</b> |

The Aviation Management Program provides students with a career path for attaining the foundational skills, practical knowledge and technical training necessary for pursuing a career in aviation management. Students completing this certificate will develop an advanced understanding of the safety, security, service and regulatory requirements necessary to work in aviation management.

## Program Goals

1. Provide students with the academic preparation needed for a career in aviation management.
2. Provide students with the knowledge and skills necessary to work in the aviation industry.
3. Provide those individuals currently working within the industry the opportunity to further their understanding, knowledge and skills in the field.
4. Provide students with hands-on training by experts in the field, as well as direct contact with these professionals as a counseling and job placement tool.
5. Provide students with an opportunity to obtain a certificate acknowledging their completion of the courses comprising the certificate, and a tool for obtaining gainful employment. The objective of this program is to provide these skills through traditional teaching methods with an emphasis on a practical, "hands-on" education that will give the students an added "edge" in job market competition.

## Program Objectives

1. Develop in the student a broad-based skill set or competencies that will lead to success in the aviation industry.
2. Utilize a sequence of courses that will lead to improvement of the entry-level skills and abilities of future employees.
3. Identify career ladder opportunities in the aviation industry.
4. Organize the curriculum into a certificate program so that the award of a certificate can be used by the industry as a criterion in their hiring process.
5. Provide specific training that will enable current and prospective employees to better achieve the business goals of their employers.

[http://www.curricunet.com/Cypress/reports/program\\_report.cfm?programs\\_id=1374](http://www.curricunet.com/Cypress/reports/program_report.cfm?programs_id=1374)