Arizona State University

ASU East Campus

FALL 2000 TRANSFER GUIDE

FOR PIMA COMMUNITY COLLEGE

Bachelor of Science

Aeronautical Management Technology Major
Airway Science Flight Management

Students applying for admission with transferable hours must meet transfer GPA, freshman aptitude, and competency requirements [www.asu.edu/admissions/applyingtous]. Students transferring 24 or more semester hours do not have to meet freshman aptitude requirements. Students who are 22 years of age or older or have completed an Arizona General Education Curriculum (AGEC) or any associate degree or higher do not have to meet competency requirements. A maximum of 64 transferable semester hours completed at a regionally accredited two-year institution may be transferred to ASU. All transferable community college credits are accepted as lower-division credits and do not satisfy upper division General Studies or graduation requirements.

The Aeronautical Management Technology curriculum combines thorough technical training with an interdisciplinary general university education that prepares the graduate to assume responsibilities in a wide variety of managerial and technically related areas of the aviation industry. Entry into the program as a freshman assumes three years of high school mathematics (algebra I, II, and geometry). High school chemistry and physics are recommended. Students lacking the required math background must take appropriate deficiency courses prior to entry or immediately upon enrollment at ASU. For further information, call or write:

(480) 727-1874
Chair
Department of Aeronautical Management Technology
Arizona State University - East Campus
7442 E. Tillman Ave.
Mesa, Arizona 85212

COLLEGE OF TECHNOLOGY AND APPLIED SCIENCES ADMISSION CRITERIA

1. A minimum 2.25 GPA is required from resident community college transfer students.
2. A minimum 2.50 GPA is required from nonresident community college transfer students.
3. Transfer students are encouraged to have completed college algebra and trigonometry.
4. A preprofessional category of admission is available for applicants deficient in College of Technology and Applied Sciences admission requirements.
5. Students admitted to the preprofessional program are restricted to lower-division courses until they achieve the required GPA, at which time they are considered for admission to the professional program.
6. International students must also submit an acceptable TOEFL score in addition to meeting the minimum GPA requirements.

ASU

Transfer value of a course, including General Studies value, is governed by the Course Applicability System (CAS) in force at the time the course is taken. Summer session is included with the previous academic year. Community college courses which are equivalent in content to upper division courses at ASU will be transferable as equivalent but with lower division credit. The course need not be repeated but will not count toward the required number of upper division credit hours.

FIRST YEAR COMPOSITION (3-6)

ENG 101 & 102 First-Year Comp
or
ENG 105 Adv First-Year Comp
or
ENG 107 & 108 Eng Foreign Students

WRT 101 & 102 Writing I & II
or
No PCC equivalent
or
WRT 107 & 108 Writing I & II/Intlnat Stu

PCC

GENERAL STUDIES REQUIREMENTS

Students completing the Arizona General Education Curriculum (AGEC) will still be required to fulfill lower division program requirements and prerequisites within their college and major/minor area of study. In all cases, students have the responsibility for selecting general education coursework that is relevant to the requirements of their intended major and degree.

Select credits from the ASU General Studies Guides (http://www.asu.edu/provost/articulation/pima_main.html#gsr) as follows: 3 L1 credits, 6 or 9 HU credits, 3 C credits and 3 H credits. Additional and/or mandated General Studies requirements, if any, are listed in the Major Requirements section with designation in brackets.
## MAJOR REQUIREMENTS

<table>
<thead>
<tr>
<th>ASU</th>
<th>PCC</th>
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<tbody>
<tr>
<td>AMT 182</td>
<td>PFT 101</td>
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<td>AMT 280</td>
<td>AVM 220</td>
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<td>AMT 287</td>
<td>AVM 170</td>
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<td>AMT 308</td>
<td>No PCC equivalent</td>
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<tr>
<td>ECN 111</td>
<td>ECN 202</td>
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<td>ECN 112</td>
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<td>MAT 170</td>
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<td>MAT 260</td>
<td>MAT 220</td>
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<td>PGS 101</td>
<td>PSY 100A</td>
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<td>PHY 111</td>
<td>PHY 121</td>
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<td>PHY 112</td>
<td>PHY 122</td>
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<td>STP 420</td>
<td>No PCC equivalent</td>
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</tbody>
</table>

- **ASU**
  - AMT 182: Pvt Pilot Ground School
  - AMT 280: Aerospace Structures and Materials
  - AMT 287: Aircraft Powerplants
  - AMT 308: Air Transportation [G]
  - ECN 111: Macroeconomic Principles [SB]
  - ECN 112: Microeconomic Principles [SB]
  - MAT 170: Precalculus [MA]
  - MAT 260: Tech Calc I [MA]
  - PGS 101: Intro to Psychology [SB]
  - PHY 111: General Physics [SQ] &
  - PHY 113: General Physics Lab [SQ]
  - PHY 112: General Physics [SQ] &
  - PHY 114: General Physics Lab [SQ]
  - STP 420: Intro Applied Stats [N2]

- **PCC**
  - PFT 101: Stage One Ground School
  - AVM 220: Airframe Structures
  - AVM 221: Airframe Systems & Compon
  - AVM 170: Aircraft Pwrplnt Familiar &
  - AVM 230: Powerplant Mechanics
  - ECN 202: Macroeconomic Principles
  - ECN 201: Microeconomic Principles
  - MAT 151: College Algebra &
  - MAT 182: College Algebra &
  - MAT 182A: Trigonometry - Module A &
  - MAT 182 B: Trigonometry - Module B &
  - MAT 182 C: Trigonometry - Module C
  - MAT 187: Precalculus
  - MAT 220: Calculus I *
  - PSY 100A: Psychology I &
  - PSY 100B: Psychology II
  - PSY 101: Intro to Psychology
  - PHY 121: Introductory Physics I
  - PHY 122: Introductory Physics II
  - No PCC equivalent

*MAT 220 transfers as MAT 260 [MA] for Technology Majors only.
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MAJOR REQUIREMENTS (CONT'D)

AERONAUTICAL MANAGEMENT TECHNOLOGY CORE

<table>
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<th>ASU</th>
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<tbody>
<tr>
<td>ETC 201</td>
<td>Appl Elec Sci</td>
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<tr>
<td>ETC 100</td>
<td>Languages of Technology [CS]</td>
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<td>EVM 120</td>
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<td>AVM 120</td>
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<tr>
<td></td>
<td>Aviation Electricity I</td>
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<td>or</td>
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<tr>
<td>ETR 101</td>
<td>Basic DC Elec Circuit Anl &amp;</td>
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<tr>
<td>ETR 102</td>
<td>Basic AC Elec Circuit Anl</td>
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<tr>
<td>DFT 100</td>
<td>Print Read/Sketchn * &amp;</td>
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<tr>
<td>CAD 120</td>
<td>2D Fundamentals *</td>
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<td>* Both DFT 100 &amp; CAD 120 must be taken together, along with a computer language course (Fortran, &quot;C&quot;, or Pascal) to be equivalent to ETC 100 [CS] for MET, IND, and Aerotech majors.</td>
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<tr>
<td>or</td>
<td>CAD 202</td>
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<tr>
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<td>Mechanical Design II *</td>
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<td>* CAD 202 must be taken with a computer language course (Fortran, AC@, or Pascal) to be equivalent to ETC 100 [CS] for MET, IND, and Aerotech majors.</td>
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<tr>
<td>or</td>
<td>CAD 252</td>
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<tr>
<td></td>
<td>Mechanical Design III *</td>
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<tr>
<td>* CAD 252 must be taken with a computer language course (Fortran, &quot;C&quot;, or Pascal) to be equivalent to ETC 100 [CS] for MET, IND, and Aerotech majors.</td>
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Approved by Dr. William McCurry
Chair

Approved by Dr. Lakshmi Munukutla
Associate Dean

1. Although a course may satisfy a core area requirement and an awareness area requirement concurrently, a course may not be used to satisfy requirements in two core areas simultaneously. A course may satisfy two awareness areas concurrently.

2. When selecting HU or SB core courses, students must keep in mind that A. two courses in one of these two core areas must be in the same department; B. courses from at least two departments must be taken. These two conditions may, but need not be satisfied in the same core area. At least one course within the 15 semester hours must be an upper-division course taken only at ASU.