Arizona State University
ASU East Campus
FALL 2000 TRANSFER GUIDE
FOR COCONINO COMMUNITY COLLEGE
Bachelor of Science
Aeronautical Engineering Technology Major

Students applying for admission with transferable hours must meet transfer GPA, freshman aptitude, and competency requirements. 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.

Aeronautical Engineering Technology is a math/science-oriented program of study that is designed to prepare the engineering technologist for technical support of engineering activities throughout the aviation and aerospace fields. 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) 727-1584
Department of Manufacturing and Aeronautical Engineering Technology
Arizona State University - East Campus
7442 East 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.

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)

<table>
<thead>
<tr>
<th>ASU</th>
<th>CCC</th>
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<tbody>
<tr>
<td>ENG 101 &amp; 102  First-Year Comp or ENG 105 Adv First-Year Comp</td>
<td>ENG 101 &amp; 102 College Composition I &amp; II</td>
</tr>
<tr>
<td>No CCC equivalent</td>
<td>No CCC equivalent</td>
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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 General Studies Guides (http://www.asu.edu/provost/articulation/coco_main.html#gsr) as follows: 3 L1 credits, 6 or 9 HU credits, 3 or 6 SB credits, 3 C credits, 3 G 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.
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Bachelor of Science (page 2 of 2)  
Aeronautical Engineering Technology

**MAJOR REQUIREMENTS**

<table>
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<tr>
<th>ASU</th>
<th>CCC</th>
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<tbody>
<tr>
<td>CHM 113 General Chemistry [SQ]</td>
<td>CHM 151 General Chemistry I</td>
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<tr>
<td>CHM 114 General Chemistry for Engineers [SQ]</td>
<td>No CCC equivalent</td>
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<tr>
<td>MAT 170 PreCalculus [MA]</td>
<td>MAT 184 Functions &amp; Trig or</td>
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<tr>
<td>MAT 260 Tech Calc I [MA]</td>
<td>MAT 187 Pre-Calculus</td>
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<tr>
<td>MAT 261 Tech Calc II [MA]</td>
<td>MAT 220 Calc &amp; Analytic Geom I*</td>
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*Transfers in lieu of MAT 260 for Technology majors.

- MAT 260 Tech Calc I [MA]
- MAT 261 Tech Calc II [MA]

**ENGINEERING TECHNOLOGY CORE**

<table>
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<tr>
<th>ETC 201 Appl Elec Sci</th>
<th>ELT 120 Direct Current &amp;</th>
<th>ELT 130 Alternating Current</th>
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Approved by Dr. Scott Danielson  
Chair  

Approved by Dr. Lakshmi Munukutla  
Associate Dean of Academic Affairs

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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.