Arizona State University  
ASU East Campus  
1998-99 TRANSFER GUIDE  
FOR COCONINO COMMUNITY COLLEGE  
Bachelor of Science  
Aeronautical Engineering Technology Major  

The Arizona resident applicant for transfer admission must meet competency requirements and have a cumulative grade point average (GPA) of 2.00 on a four-point (A) scale in all college level work and be in good standing and eligible to return to the last institution attended. Students who have less than 24 semester transfer credits must also meet competency requirements. Arizona residents who have completed an Arizona General Education Curriculum (AGEC) or an associate degree with a minimum 2.00 GPA in the AGEC or associate degree are exempt from admission requirements. A maximum of 64 semester credit hours will be accepted when transferred from community colleges; all transferable community college credits are accepted as lower-division credits and do not satisfy upper-division General Studies or graduation requirements.

The 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:

(602) 727-1584  
Chair  
Department of Manufacturing and Aeronautical Engineering Technology  
Arizona State University - East Campus  
6001 South Power Road  
Mesa, Arizona 85206  

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  
CCC

Transfer value of a course, including General Studies value, is governed by the Course Equivalency Guide (CEG) 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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| ENG 101 & 102 First-Year Comp  
or  
ENG 105 Adv First-Year Comp  
or  
ENG 107 & 108 Eng Foreign Students | ENG 101 & 102 College Composition I & II  
No CCC equivalent  
No CCC equivalent |

GENERAL STUDIES REQUIREMENTS

Students completing the Transfer General Education Core Curriculum (TGECC) 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 CEG General Studies Insert as follows: 6 or 9 HU credits, 3 or 6 SB 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.
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#### Aeronautical Engineering Technology

**MAJOR REQUIREMENTS**

<table>
<thead>
<tr>
<th>ASU</th>
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<tbody>
<tr>
<td>CHM 113  General Chemistry [S1/S2]</td>
<td>CHM 151  General Chemistry I</td>
</tr>
<tr>
<td>ECN 111  Macroeconomic Principles [SB] or ECN 112  Microeconomic Principles [SB]</td>
<td>ECN 204  Macro Econ Principles or ECN 205  Micro Econ Principles</td>
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<tr>
<td>ETC 200  Impact Comm Tech Society [L1] or COM 225  Public Speaking [L1]</td>
<td>No CCC equivalent</td>
</tr>
<tr>
<td>MAT 170  Precalculus [N1] or MAT 184  Functions &amp; Trig or MAT 187  Pre-Calculus</td>
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<tr>
<td>MAT 260  Tech Calc I [N1]</td>
<td>MAT 220  Calc &amp; Analytic Geom I*</td>
</tr>
<tr>
<td>MAT 261  Tech Calc II [N1]</td>
<td>MAT 230  Calc &amp; Analytic Geom II*</td>
</tr>
<tr>
<td>MAT 262  Tech Calc III [N1]</td>
<td>MAT 262  Differential Equations*</td>
</tr>
<tr>
<td>PHY 111  General Physics [S1/S2] &amp; PHY 113  General Physics Lab [S1/S2]</td>
<td>PHY 111  College Physics I</td>
</tr>
<tr>
<td>PHY 112  General Physics [S1/S2] &amp; PHY 114  General Physics Lab [S1/S2]</td>
<td>PHY 112  College Physics II</td>
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#### ENGINEERING TECHNOLOGY CORE

| ETC 201  Appl Elec Sci | ELT 120  Direct Current & ELT 130  Alternating Current |

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Approved by Dr. Dale Palmgren  
Chair  
Date

Approved by Dr. Lakshmi Munukutla  
Associate Dean of Academic Affairs  
Date

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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.