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

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.

Arizona State University offers a program leading to a Bachelor of Science degree in Manufacturing Engineering Technology, with two areas of emphasis:

1. Manufacturing Engineering Technology. This area of emphasis prepares students with a broad view of the casting, forming, machining, and fabrication processes employed by modern industry.
2. Mechanical Engineering Technology. This area of emphasis prepares the students for mechanical design and testing tasks in product-oriented industries.

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
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)
ENG 101 & 102 First-Year Comp or ENG 105 Adv First-Year Comp or ENG 107 & 108 Eng Foreign Students
No CCC equivalent
No CCC equivalent

CCC
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**ASU**

**CCC**

**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: 3 L1 credits, 6 or 9 HU credits, 6 or 9 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.

**MAJOR REQUIREMENTS**

<table>
<thead>
<tr>
<th>ASU</th>
<th>CCC</th>
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<tbody>
<tr>
<td>CHM 113</td>
<td>CHM 151 General Chemistry [S1/S2]</td>
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<tr>
<td>CHM 114</td>
<td>No CCC equivalent</td>
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<tr>
<td>ECN 111</td>
<td>ECN 204 Macro Econ Principles</td>
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<tr>
<td>or</td>
<td>ECN 112 Microeconomic Principles [SB]</td>
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<tr>
<td>ETC 200</td>
<td>No CCC equivalent</td>
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<tr>
<td>or</td>
<td>SPC 100 Fundamentals of Speech Comm</td>
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<td>COM 225</td>
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<td>MAT 170</td>
<td>MAT 184 Functions &amp; Trig</td>
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<tr>
<td>or</td>
<td>MAT 187 Pre-Calculus</td>
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<tr>
<td>MAT 260</td>
<td>MAT 220 Calc &amp; Analytic Geom I*</td>
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<tr>
<td>MAT 261</td>
<td>MAT 230 Calc &amp; Analytic Geom II*</td>
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<tr>
<td>MAT 262</td>
<td>MAT 262 Differential Equations*</td>
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<td>PHY 111</td>
<td>PHY 111 College Physics I</td>
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<td>PHY 113</td>
<td>PHY 111 College Physics II</td>
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<td>PHY 112</td>
<td>PHY 112 College Physics II</td>
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<td>PHY 114</td>
<td>ELT 120 Direct Current &amp;</td>
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<td>ELT 130 Alternating Current</td>
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**ENGINEERING TECHNOLOGY CORE**

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<th>ASU</th>
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<tbody>
<tr>
<td>ETC 201</td>
<td>ELT 120 Direct Current &amp;</td>
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<tr>
<td></td>
<td>ELT 130 Alternating Current</td>
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Approved by Dr. Dale Palmgren
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.

TEC-16