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

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.

The field of Electronics Engineering Technology applies mathematical, scientific, and economic principles, along with state-of-the-art electronics techniques, materials, and devices to solve industrial and commercial problems and to produce useful products. Students who meet university and school admission standards are admitted directly into the professional program. However, those who miss meeting any item in the school admission criteria will be admitted to the preprofessional program until the deficiency is covered. For further information, call or write:
(480) 727-1137
Chair
Department of Electronics and Computer Engineering Technology
Arizona State University - East Campus
7001 E. Williams Field Road, Bldg 50
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, trigonometry and one semester of calculus.
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 or ENG 107 &amp; ENG 108 Eng Foreign Students</td>
<td>ENG 101 &amp; 102 College Composition I &amp; II or No CCC equivalent</td>
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GENERAL STUDIES REQUIREMENTS\(^1,2\)
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/coco_main.html#gsr) as follows: 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.
MAJOR REQUIREMENTS

**ASU**

CHM 113  Gen Chemistry [SQ]  
ECN 111  Macroeconomic Principles [SB]  
or  
ECN 112  Microeconomic Principles [SB]  
MAT 170  Precalculus [MA]  
MAT 260  Tech Calc I [MA]  
MAT 261  Tech Calc II [MA]  
MAT 262  Tech Calc III [MA]  
PHY 111  General Physics [SQ] &  
PHY 112  General Physics [SQ] &  
PHY 113  General Physics Lab [SQ]  
PHY 114  General Physics Lab [SQ]  

**CCC**

CHM 151  General Chemistry I  
ECN 204  Macro Econ Principles  
ECN 205  Micro Econ Principles  
MAT 184  Functions & Trig  
MAT 187  Pre-Calculus  
MAT 220  Calc & Analytic Geom I*  
MAT 230  Calc & Analytic Geom II*  
MAT 262  Differential Equations*  
PHY 111  College Physics I  
PHY 112  College Physics II  

**ELECTRONIC ENGINEERING TECHNOLOGY CORE**

CET 150  Digital Sys & Microprocessors [CS]  
No CCC equivalent

**OPTION REQUIREMENTS**

Contact an ASU advisor at 480-727-1137 regarding course selection in these areas: **Electronic Systems, Microelectronics, Telecommunications Systems.**

**MICROELECTRONICS OPTION**

CHM 116  General Chemistry [SQ]  
CHM 152  General Chemistry II

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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.