Arizona State University

ASU East Campus
FALL 2000 TRANSFER GUIDE
FOR PIMA 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 more 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 a TOEFL score of at least 500 points 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)

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<tr>
<td>ENG 101 &amp; 102  First-Year Comp</td>
<td>WRT 101 &amp; 102 Writing I &amp; II</td>
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<td>or</td>
<td>WRT 107 &amp; 108 Writing I &amp; II/Intnatl Stu</td>
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<td>EN 105 Adv First-Year Comp</td>
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<td>EN 107 &amp; 108 Eng Foreign Students</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 the ASU General Studies Guides (http://www.asu.edu/provost/articulation/pima_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

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<tr>
<td>CHM 113  General Chemistry [SQ]</td>
<td>CHM 151  General Chemistry I</td>
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| ECN 111  Macroeconomic Principles [SB] | ECN 202  Macroeconomic Principles | or
| or ECN 112  Microeconomic Principles [SB] | ECN 201  Microeconomic Principles |
| MAT 170  Precalculus [MA] | MAT 151  College Algebra & MAT 182  Trigonometry |
| or MAT 182C  Mat 262C  MAT 262C  MAT 182  MAT 182C  MAT 182C  Trigonometry | or MAT 151  College Algebra & MAT 182A  Trigonometry - Module A & MAT 182B  Trigonometry - Module B & MAT 182C  Trigonometry - Module C |
| MAT 260  Tech Calc I [MA] | MAT 180  Precalculus |
| *Transfers in lieu of MAT 260 [MA] for Technology majors. |  |
| MAT 261  Tech Calc II [MA] | MAT 231  Calculus II* |
| *Transfers in lieu of MAT 261 [MA] for Technology majors. |  |
| MAT 262  Tech Calc III [MA] | MAT 241  Calculus III* |
| or MAT 262  Differential Equations* |  |
| or *Transfers in lieu of MAT 262 [MA] for Technology majors. |  |
| or PHY 113  General Physics Lab [SQ] | PHY 122  Introductory Physics II |

### ENGINEERING TECHNOLOGY CORE

| EET 208  Elec Circuits | ENG 260  Elements of Elec Engineer or ENG 282  Basic Electric Circuits or ETR 101  Basic DC Elec Circuit Anl & ETR 102  Basic AC Elec Circuit Anl |
Electronics Engineering Technology Core

ETC 100  Languages of Technology [CS]  DFT 100  Print Read/Sketchn * &
CAD 120  2 D Fundamentals *
* Both DFT 100 & CAD 120 must be taken together, along with a
computer language course (Fortran, "C", or Pascal) to be equivalent
to ETC 100 [CS] for MET, IND, and Aerotech majors.
or
CAD 202  Mechanical Design II *
* 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.
or
CAD 252  Mechanical Design III *
* CAD 252 must be taken with a computer language course
(Fortran, "C", or Pascal) to be equivalent to ETC 100 [CS] for
MET, IND, and Aerotech majors.

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

Approved by Dr. Robert Nowlin  Date
Department Chair

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

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.