Arizona State University
ASU East Campus
1998-99 TRANSFER GUIDE
FOR THE MARICOPA COMMUNITY COLLEGES
Bachelor of Science
Electronics 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.

The field of Electronics Engineering Technology applies mathematical, scientific, and economic principles, along with state-of-the-art electronic 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:
(602) 727-1137
Chair
Department of Electronics and Computer 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, 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.

ASU
MCCCD
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

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, 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.
### ASU

#### MAJOR REQUIREMENTS

<table>
<thead>
<tr>
<th>ASU</th>
<th>MCCCDD</th>
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<tbody>
<tr>
<td>CHM 113   General Chemistry [S1/S2]</td>
<td>CHM 151 General Chemistry I &amp; CHM 151 LL General Chemistry I Lab</td>
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<tr>
<td>ECN 111   Macroeconomic Principles [SB]</td>
<td>ECN 111 Macroeconomic Principles</td>
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<tr>
<td>or ECN 112 Microeconomic Principles [SB]</td>
<td>ECN 112 Microeconomic Principles</td>
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<tr>
<td>ETC 200 Impact Comm Tech Society [L1]</td>
<td>No MCCCDD equivalent</td>
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<tr>
<td>or COM 225 Public Speaking [L1]</td>
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| MAT 170 Precalculus [N1] | MAT 150 College Algebra Concepts & MAT 182 Plane Trigonometry  
or MAT 152 College Algebra & MAT 182 Plane Trigonometry  
or MAT 151 College Algebra/Funcns & MAT 182 Plane Trigonometry  
or MAT 187 Precalculus |
| MAT 260 Tech Calc I [N1] | MAT 216 Technical Calculus I  
or MAT 220 Analytic Geom & Calc I*  
or MAT 221 Calc Analytic Geom I*  
*ELT 201 & ELT 202 together are accepted in lieu of MAT 260 [N1] for Electronics and Computer Engineering Technology Majors.  
or MAT 226 Technical Calculus II  
or MAT 230 Analytic Geom & Calc II*  
or MAT 241 Calc Analytic Geom III*  
*Transfers in lieu of MAT 260 for Technology majors.  
or MAT 236 Technical Calculus III  
or MAT 262 Differential Equations*  
*Transfers in lieu of MAT 262 for Technology majors.  |
| MAT 261 Tech Calc II [N1] | MAT 111 General Physics I |
| MAT 262 Tech Calc III [N1] | MAT 112 General Physics II |
| PHY 111 General Physics [S1/S2] & PHY 113 General Physics Lab [S1/S2] | PHY 111 General Physics I |
| PHY 112 General Physics [S1/S2] & PHY 114 General Physics Lab [S1/S2] | PHY 112 General Physics II |

### ENGINEERING TECHNOLOGY CORE

| EET 208 Electric Circ Analysis I | ELE 108 Electric Circuits  
or ELE 115 Network Analysis  
or ELT 115 Math for Electronics III |
| ETC 100 Languages of Technology [N3] | CAD 154 Dimension & Tolerancing*  
or CAD 268 Operations Sheets (OS'S)*  
or CAD 280 Adv Parametric Modeling* |
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Bachelor of Science (page 3 of 3) 
Electronics Engineering Technology

**ASU**

<table>
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<tr>
<th>Course</th>
<th>Description</th>
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<tbody>
<tr>
<td>ETC 211</td>
<td>Appld Engr Mechanics Statics</td>
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**MCCCD**

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<tr>
<th>Course</th>
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<tr>
<td><em>CAD 154 or CAD 268 or CAD 280 plus a computer programming course transfers to ASU as ETC 100 for MAET or DFT 252AA or MET 252AA for Manufacturing</em> or *Plus a C, C++ or Fortran Programming course.</td>
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<tr>
<td>ECE 211</td>
<td>Engineering Mech-Statics</td>
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**Electronic Engineering Technology Core**

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<thead>
<tr>
<th>MCCCD</th>
<th>ASU</th>
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<tbody>
<tr>
<td>CET 150</td>
<td>Digital Sys and Microprocessors [N3]</td>
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<tr>
<td>ELE 131</td>
<td>Digital Logic &amp; Circuits &amp; Microprocessor Concepts</td>
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<tr>
<td>UET 331</td>
<td>Electronic Mats</td>
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<tr>
<td>ELE 241</td>
<td>Dig Sys/Microprocessors</td>
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<tr>
<td>ELE 241</td>
<td>Microcontrollers</td>
</tr>
<tr>
<td>ELE 241</td>
<td>Strctrd Asmbl Lang Prog</td>
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<tr>
<td>ELE 231</td>
<td>Semicnd Mat/Dev/Circuit</td>
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**Option Requirements**

Contact an ASU advisor at 602-727-1137 regarding course selection in these areas: Computer Systems, Electronic Systems, Microelectronics, Telecommunications Systems.

Approved by Dr. Robert Nowlin  
Department Chair  
Date

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

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, even if approved for those areas. 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.