Arizona State University
ASU East Campus
1998-99 TRANSFER GUIDE
FOR CENTRAL ARIZONA COLLEGE
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 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:

(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
CAC
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
ENG 101 & ENG 102 English Comp III & IV
No CAC equivalent
ENG 107 & ENG 108 English Comp III & IV (ESL)

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 1998-99 Transfer Guide for Central Arizona College
**Bachelor of Science (page 2 of 3)**

### Electronics Engineering Technology

#### ASU

**MAJOR REQUIREMENTS**

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHM 113</td>
<td>General Chemistry [S1/S2]</td>
</tr>
<tr>
<td>ECN 111</td>
<td>Macroeconomic Principles [SB]</td>
</tr>
<tr>
<td>or ECN 112</td>
<td>Microeconomic Principles [SB]</td>
</tr>
<tr>
<td>ETC 200</td>
<td>Impact Comm Tech Society [L1]</td>
</tr>
<tr>
<td>or COM 225</td>
<td>Public Speaking [L1]</td>
</tr>
<tr>
<td>MAT 170</td>
<td>Precalculus [N1]</td>
</tr>
<tr>
<td>MAT 260</td>
<td>Tech Calc I [N1]</td>
</tr>
<tr>
<td>or MAT 261</td>
<td>Tech Calc II [N1]</td>
</tr>
<tr>
<td>or MAT 262</td>
<td>Tech Calc III [N1]</td>
</tr>
<tr>
<td>PHY 111</td>
<td>General Physics [S1/S2]</td>
</tr>
<tr>
<td>or PHY 113</td>
<td>General Physics Lab [S1/S2]</td>
</tr>
<tr>
<td>PHY 112</td>
<td>General Physics [S1/S2]</td>
</tr>
<tr>
<td>or PHY 114</td>
<td>General Physics Lab [S1/S2]</td>
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**ENGINEERING TECHNOLOGY CORE**

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<tbody>
<tr>
<td>ETC 100</td>
<td>Languages of Technology [N3]</td>
</tr>
<tr>
<td>DFT 127</td>
<td>Autocad I *</td>
</tr>
<tr>
<td>or DFT 128</td>
<td>Autocad II *</td>
</tr>
<tr>
<td>* Either DFT 127 or DFT 128 plus a computer programming course transfers to ASU as ETC 100 [N3].</td>
<td></td>
</tr>
<tr>
<td>or DFT 130</td>
<td>Adv Cad Applications * &amp;</td>
</tr>
<tr>
<td>or DFT 226</td>
<td>Tech Sketch (Capstone) *</td>
</tr>
<tr>
<td>* DFT 130 &amp; DFT 226 together plus a computer language course must be taken to transfer as equivalent to ETC 100 [N3].</td>
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<tbody>
<tr>
<td>ETC 211</td>
<td>Appld Engr Mechanics Statics</td>
</tr>
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<tbody>
<tr>
<td>CET 150</td>
<td>Digital Sys &amp; Microprocessors [N3]</td>
</tr>
<tr>
<td>ELT 128</td>
<td>Basic Logic Circuits &amp;</td>
</tr>
<tr>
<td>or ELT 223</td>
<td>Microprocessor Fund</td>
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<td>General Chemistry I</td>
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<td>ECN 201</td>
<td>Macroeconomic Principles</td>
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<tr>
<td>or ECN 202</td>
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</tr>
<tr>
<td>or GBS 105</td>
<td>Applied Business Econ</td>
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<tr>
<td>COM 206</td>
<td>Public Speaking</td>
</tr>
<tr>
<td>MAT 181</td>
<td>Trigonometry with Review</td>
</tr>
<tr>
<td>or MAT 182</td>
<td>Trigonometry</td>
</tr>
<tr>
<td>or MAT 187</td>
<td>Pre Calculus</td>
</tr>
<tr>
<td>MAT 220</td>
<td>Calc/Analyt Geo I*</td>
</tr>
<tr>
<td>or MAT 221</td>
<td>Analyt Geom/Calc I*</td>
</tr>
<tr>
<td>* Transfers in lieu of MAT 260 for Technology majors.</td>
<td></td>
</tr>
<tr>
<td>MAT 230</td>
<td>Calc/Analyt Geo II*</td>
</tr>
<tr>
<td>or MAT 231</td>
<td>Analyt Geom/Calc II*</td>
</tr>
<tr>
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<td></td>
</tr>
<tr>
<td>or MAT 262</td>
<td>Ord Different Equations*</td>
</tr>
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<td></td>
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<tr>
<td>PHY 201</td>
<td>College Physics I</td>
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<td>or PHY 202</td>
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<td>EGR 202</td>
<td>Eng Mechans/Statics</td>
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TEC-11
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. 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.