Arizona State University
ASU East Campus
FALL 2000 TRANSFER GUIDE
FOR NORTHLAND PIONEER COLLEGE
Bachelor of Science
Computer 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 Computer Engineering Technology applies mathematical, scientific, and economic principles, along with state-of-the-art computer techniques to solve industrial and commercial computer related 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 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)

ASU
ENG 101 & 102 First-Year Comp
Or
ENG 105 Adv First-Year Comp
or
ENG 107 & ENG 108 Eng Foreign Students

NPC
ENL 101 & 102 College Composition I & II
No NPC equivalent
No NPC equivalent

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/npc_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

<table>
<thead>
<tr>
<th>ASU</th>
<th>NPC</th>
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<tbody>
<tr>
<td>CET 150  Digital Sys I [CS]</td>
<td>No NPC equivalent</td>
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<tr>
<td>ECN 111  Macroeconomic Principles [SB] or ECN 112  Macroeconomic Principles [SB]</td>
<td>BUS 140  Princ of Economics/Macro</td>
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<tr>
<td>ETC 100  Languages of Technology [CS]</td>
<td>No NPC equivalent</td>
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<tr>
<td>MAT 170  Precalculus [MA]</td>
<td>MAT 189  Precalc Algebra/Trig</td>
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<tr>
<td>MAT 260  Tech Calc I [MA]</td>
<td>MAT 221  Calc &amp; Analyt Geometry I*</td>
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<tr>
<td>MAT 261  Tech Calc II [MA]</td>
<td>MAT 231  Calc &amp; Analyt Geometry II*</td>
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<tr>
<td>MAT 262  Tech Calc III [MA]</td>
<td>MAT 261  Intro Different Equat*</td>
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<tr>
<td>PHY 112  General Physics [SQ] &amp; PHY 114  General Physics Lab [SQ]</td>
<td>PHY 114  General Physics II</td>
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CONCENTRATION REQUIREMENTS

Contact an ASU advisor at 480-727-1137 regarding course selection in these areas: Computer Engineering Technology, Software Engineering Technology, and Software Technology.

Approved by Dr. Robert Nowlin
Department Chair

Approved by Dr. Lakshmi Munukutla
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.