

# Arizona State University

## ASU East Campus

### FALL 2000 TRANSFER GUIDE

#### FOR EASTERN ARIZONA COLLEGE

#### Bachelor of Science

##### Computer Engineering Technology

*Students applying for admission with transferable hours must meet transfer GPA, freshman aptitude, and competency requirements [www.asu.edu/admissions/applyingtoasu](http://www.asu.edu/admissions/applyingtoasu). 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 computer related 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 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

##### EAC

ENG 101 & 102 Written Communications

No EAC equivalent

No EAC equivalent

#### GENERAL STUDIES REQUIREMENTS<sup>1,2</sup>

*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/eac\\_main.html#gsr](http://www.asu.edu/provost/articulation/eac_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.

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Computer Engineering Technology**

**MAJOR REQUIREMENTS**

**ASU**

|         |                               |
|---------|-------------------------------|
| ECN 111 | Macroeconomic Principles [SB] |
| or      |                               |
| ECN 112 | Microeconomic Principles [SB] |
| ETC 100 | Languages of Technology [CS]  |
| 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 113 | General Physics Lab [SQ]      |
| PHY 112 | General Physics [SQ] &        |
| PHY 114 | General Physics Lab [SQ]      |

**EAC**

|         |   |
|---------|---|
| BUA 221 | Prin of Macroeconomics                                    |
| BUA 223 | Prin of Microeconomics                                    |
|         | No EAC equivalent   |
| MAT 159 | Plane Trigon  |
| or      |   |
| MAT 181 | Plane Trigon  |
| MAT 220 | Calculus *  |
|         | *Transfers in lieu of MAT 260 [MA] for Technology majors. |
| MAT 230 | Calculus II*  |
|         | *Transfers in lieu of MAT 261 [MA] for Technology majors. |
| MAT 260 | Differential Equations*                                   |
|         | *Transfers in lieu of MAT 262 [MA] for Technology majors. |
| PHY 111 | General Physics   |
| PHY 112 | General Physics   |

**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

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.