Arizona State University
ASU Main Campus
FALL 2000 TRANSFER GUIDE
FOR PIMA COMMUNITY COLLEGE
Bachelor of Science
Physics/Options 1 and 2

Students applying for admission with transferable hours must meet transfer GPA, freshman aptitude, and competency requirements 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.

For more information, call or write:
(480) 965-3561
Department of Physics
Arizona State University
Tempe, Arizona 85287-1504

COLLEGE OF LIBERAL ARTS AND SCIENCES (CLAS) ADMISSION CRITERIA
1. General University requirements satisfy the admission requirements of this program.
2. Calculus (MAT 270) is a prerequisite of the first course within the physical core.

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 transferrable 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)

<table>
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<tr>
<th>ASU</th>
<th>PCC</th>
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<tr>
<td>ENG 101 &amp; 102</td>
<td>WRT 101 &amp; 102 Writing I &amp; II</td>
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<tr>
<td>or ENG 105 Adv</td>
<td>No PCC equivalent</td>
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<tr>
<td>or ENG 107 &amp; 108 Eng</td>
<td>WRT 107 &amp; 108 Writing I &amp; II/Intrnatl Stu</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.


COLLEGE OF LIBERAL ARTS AND SCIENCES GRADUATION REQUIREMENTS
http://www.asu.edu/provost/articulation/chksheets/00-01/00CKCLAS.HTML/00clas-gradreqfortgs.pdf
CLAS requires knowledge of a second language equivalent to the completion of two years study at the college level. Students who choose to complete their CLAS second language graduation requirement in Greek, Latin, Portuguese, or Romanian must take both the 201 and 202 classes in order for this requirement to be met.

In addition to the language requirement, students may also take one lower division Social/Behavioral Science or Humanities from those that transfer as AFH, AFS, ASB, CSH, CSS, ENG (literature only), ECN, GCU, HIS, HUM, PGS, PHI/HPS, POS, REL, SOC, WSH, or WST. This course is separate from those taken for the university general studies and may not be used to meet both requirements.

Students may also choose to take 6 credits to meet the CLAS Natural Science/Mathematics requirement. This requirement is separate from the SQ and SG requirement of the university general studies and may not be used the meet the university requirement. Students may select 2 courses from those that transfer as ASM, BIO, CHM, BCH, CSE, GPH, GLG, MAT (above the college algebra level), STP, MIC, MBB, PHY, AST, PHS, PLB, MBB, PSY 230 or PSY 290.
MAJOR REQUIREMENTS
While still a student at PCC, contact the department academic advisor. Only those required courses which have PCC course equivalents are listed below.

**ASU** | **PCC**
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MAT 270 Cal/Analytic Geo I [MA] | MAT 220 Calculus I
MAT 271 Cal/Analytic Geo II [MA] | MAT 231 Calculus II
MAT 272 Cal/Analytic Geo III [MA] | MAT 241 Calculus III

PHY 121 Univ Physics I:Mech [SQ] * & | PHY 210 Intro Mechanics
PHY 122 Univ Physics Lab I [SQ]* | PHY 216 Intro Elect & Magnetism
PHY 131 Univ Physics II:Elec & Magnetsm [SQ]* & | PHY 221 Intro to Waves and Heat
PHY 132 Univ Physics Lab II [SQ]* | or
* Either the ASU sequence [PHY 121, 122, 131, 132] | PHY 221A Intro to Waves & Heat &
OR the sequence [PHY 150, 151] fulfills the requirement | PHY 221B Intro to Waves & Heat Lab
for the ASU physics major.

PHY 252 Physics III [SQ] | PHY 221 Intro to Waves and Heat

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.