

**BAGLEY COLLEGE OF ENGINEERING OPERATING POLICY AND PROCEDURE
EOP 29**

**Undergraduate Admission Guidelines for Engineering
and Computer Science Degree Programs**

PURPOSE

The purpose of this policy is to establish guidelines for admission of undergraduate students to engineering and computer science degree programs. The level of high school preparation needed to be successful in an engineering or computer science degree program as measured by ACT or SAT scores and high school academic core grade point average has been identified. The following guidelines are established to help high school students understand the level of preparation required for engineering and computer science. In addition, these guidelines are established to help MSU students who want to pursue engineering or computer science, but are at risk, get the preparatory background necessary for success.

REVIEW

This EOP will be reviewed every four years (or whenever circumstances require an earlier review) by the Engineering Administrative Council with recommendations for revision presented to the Dean.

POLICY/PROCEDURE

New Freshmen Admission

For regular admission to one of the Bagley College of Engineering's degree granting programs as a freshman, the applicant must be admitted to Mississippi State University, complete the following high school academic core: 4 units of English, 4 units of mathematics (algebra, geometry, trigonometry), 3 units of science (chemistry and either biology or physics), 3 units of social studies and/or foreign languages and 2 units of electives, and meet any one of the following criteria:

- Have a composite score greater than or equal to 23 on the ACT or 1060 on the SAT
- Have a composite score of 20, 21, or 22 on the ACT or between 940 and 1050 on the SAT with a high school GPA of 3.00 or greater on academic core courses listed above
- Have any ACT or SAT score with a high school GPA of 3.5 or greater on academic core courses listed above

These criteria are essential for the success of a student beginning an engineering or computer science curriculum at the level shown in the Mississippi State University Bulletin. Applicants with justifiable circumstances may petition the Dean of Engineering for special admission.

New freshmen who do not meet these requirements, are otherwise admitted to Mississippi State University, and who want to pursue an engineering degree will be assigned the Undeclared major and may be placed in a pre-engineering concentration. These students will be advised for the first 30 hours by the University Academic Advising Center. Students in the pre-engineering concentration may be assigned a mentor from the engineering faculty.

Students Currently Enrolled at Mississippi State University

Students with a major of Undeclared and other students at Mississippi State University may transfer into an engineering or computer science degree granting program if they satisfy any one of the following criteria:

- Meet engineering new freshmen requirements listed above
- Have completed at least 30 hours with a cumulative GPA greater than or equal to 2.00 and passed MA 1713 Calculus I, EN 1103 English Composition I, and CH 1213 Chemistry I with grades of C or better

Internal transfer students must discuss the transfer with the appropriate engineering department head or program coordinator before completing the Change of Major form. Some departments may have additional admission requirements for internal transfers. If approved, the student will work with the department they are transferring to and initiate the Change of Major process.

Students Transferring from Another College or University

Students may transfer from other colleges or universities into Mississippi State University engineering or computer science degree programs if they meet all requirements to transfer to Mississippi State University and satisfy any one of the following criteria:

- Meet engineering new freshmen admission standards listed above
- Have completed at least 30 hours with a cumulative GPA greater than or equal to 2.00 and passed courses articulated to (equivalent to) MA 1713 Calculus I, EN 1103 English Composition I, and CH 1213 Chemistry I with grades of C or better

Applicants with justifiable circumstances may petition the Dean of Engineering for special admission.

Courses transferred to Mississippi State University and used to meet degree requirements are subject to the same policies as the MSU-equivalent courses regarding minimum grades either for graduation or to satisfy prerequisites of additional courses. Articulation of specific courses is performed in accordance with any existing articulation agreements; courses not covered by an agreement are reviewed by the MSU Department that teaches that subject matter and makes a recommendation of credit for an equivalent course, if any.

APPROVED:

A. Wayne Bennett October 30, 2000
Dean of Engineering Date

David Cole October 31, 2000
Provost and Vice President Date
for Academic Affairs

REVISED:

Sarah A. Rajala October 5, 2010
Dean of Engineering Date

REVISED:

Jason M. Keith October 13, 2020
Dean of Engineering Date