Program Minor Policy

Minor in Aerospace Engineering
A Minor in Aerospace Engineering requires the completion of a minimum of 20 hours including the following courses plus the required prerequisites:

- AEM 250 Mechanics of Materials I - 3 credit hours
- AEM 251 Mechanics of Materials Laboratory - 1 credit hour
- AEM 264 Dynamics - 3 credit hours
- AEM 311 Fluid Mechanics - 3 credit hours
- AEM 313 Aerodynamics I - 3 credit hours
- AEM 341 Aircraft Structural Analysis - 3 credit hours
- AEM 368 Flight Dynamics and Control I - 4 credit hours

‘These mechanics courses have AEM 201 Statics and various MATH prerequisites.

‘‘These two courses have prerequisites required of BSAE students but not necessarily of students from other degree programs. No equivalent for AEM 249 is required of non-BSAE students. ME 349 may substitute for AEM 349 for BSME students as a prerequisite for AEM 368. Other students will need to have a numerical analysis/algorithms background for AEM 368. Suitability of a student's background will be determined by the AEM department on a case-by-case basis.

Minors for College of Engineering Students
A student majoring in an engineering program may earn a minor in engineering or another division of the University. Examples are chemistry, mathematics, and physics, which are offered by the College of Arts and Sciences, and the general business minor offered by the Culverhouse College of Commerce and Business Administration. Required courses and electives needed for an engineering or computer science degree may also count toward the minor. For additional information about minors and the courses required in them, see the appropriate sections of the undergraduate catalog.

Academic Policies for Minors
Academic criteria for a minor are determined by the division and program offering the minor. This includes prerequisite rules, minimum grade point average, and any academic standards. When a minor is optional, a student can withdraw from the minor at any time. Any minor attempted by a College of Engineering student must be completed at the time a Bachelor of Science degree is awarded. A student's graduation will not be delayed to complete an optional minor unless the student notifies the Engineering Registrar prior to the degree certification deadline. Each College of Engineering department program should maintain a list of minor courses in their programs, together with effective dates, even if all courses in a program can be used in the minor.

Procedure for Minor Selection by Engineering Students
1. Go to MyBama website (http://mybama.ua.edu)
2. Select the "Student" tab
3. Click "Change of Major/Minor Application"
4. Click "Change Program"
5. Select a minor from the menu
6. Click "Continue"

### Minor in Engineering for Other Students

Two types of minors in the College of Engineering are available to students enrolled in other divisions of the University. The minors require a minimum of 18 hours in engineering courses. The Type 1 minor is a specialized program in any of the College's engineering disciplines. Course requirements and advising are available from the appropriate department head, who will appoint an advisor for a student desiring this type of minor. The Type 2 minor is a general minor in engineering. The associate dean of engineering appoints an advisor for a student pursuing a Type 2 minor, which requires a minimum of 18 hours in courses chosen from a list available from the associate dean for academic programs.