

MICHIGAN STATE UNIVERSITY

January 2, 2013

MEMORANDUM

TO: Dr. Douglas Estry, Associate Provost for Undergraduate Education
and Dean of Undergraduate Studies

FROM: Dr. Linda O. Stanford, Associate Provost for Academic Services

RE: Request to Change the Admission to the College Requirements in the
College of Engineering

For Transmittal to the University Committee on Undergraduate
Education (UCUE)

The request referenced above is being sent to you for action by the University
Committee on Undergraduate Education (UCUE).

UCUE Response Requested:

Please ask the UCUE to consider the request referenced above. Please mail the
related materials referenced under the heading Attachments at the end of this
memorandum to the members of the UCUE.

The UCUE alone will consider this request.

If you have any questions about this memorandum or the attached materials, please call
me at 5-8420.

Thank you for your help.

Attachments:

1. Request to Change the Admission to the College Requirements in the
College of Engineering



University Curriculum and Catalog

Hannah Admin. Building
426 Auditorium Road
Room 176
East Lansing, MI 48824

517-355-8420
Fax: 517-353-1935

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View a Program		Main Menu
Joy Speas, RO	Tuesday, 12/11/2012	
Program Name: Engineering - Admission to the College Degree: BS Sequence Number: 3	Program Request ID: 2361	
Effective Dates: Fall 2013 - Open Status: Interim Initial Action: Change		
Requested Date: 12/7/2012 9:15:58 AM		
<p>1. Department/School/College: 16256 College of Engineering</p> <p>2. Name of Program: Engineering - Admission to the College</p> <p>3. Name of Degree: BS</p> <p>4. Type of Program: Major</p> <p>5. Effective Start Semester: Fall 2013</p> <p>6. Target student audience for the program: Undergraduate engineering students</p> <p>7. Enrollment: What is the expected enrollment per year: 700 What is the minimum enrollment acceptable: 400</p> <p>8. Source of budget for the program: To align academic planning and curricular change, ALL requests for NEW funds must be included in the College's annual planning letter. Provost approval of new funds and the effective date for the new program must align. If funding is not approved, then the program request will not be forwarded to Faculty Senate. College reallocation If new funds, was this request included in the College's annual planning letter? Indicate yes or no. If no, then this is a department or college fund reallocation (If the program is implemented, no additional resources are required.).</p> <p>9. Projected Costs as compared to other programs in unit: Same</p> <p>10. Staff requirement: How many additional staff will be required: 0 Who will provide the primary instruction. Describe any external linkages(industry, government, etc.):</p>		

11. Will additional equipment be required:

Approximate cost: 0

Source of funding:

12. Will additional library materials be required:

Approximate cost: 0

Source of funding: current resources are sufficient

13. Will additional space be required:

Type:

Approximate amount:

14. If the program requirements contain a named concentration, do you wish for the concentration to be noted on the student's transcript?:

No

15. Detailed Description:

Admission to the College of Engineering and a specific major provides access to enroll in certain courses required for the major. Enrollments in the College of Engineering are limited.

Admission is based on the cumulative grade-point average of all courses taken and a grade-point average calculated on mathematics, physical and biological sciences, and engineering courses.

For additional information, students should contact the Office of the Associate Dean for Undergraduate Studies, College of Engineering.

Minimum criteria for admission to the college are:

1. Completion of at least 12 credits of Michigan State University courses, including at least 6 credits in mathematics, physical and biological sciences, and engineering for freshmen and sophomores, and at least 10 credits in mathematics, physical and biological sciences, and engineering for juniors and seniors.
2. Completion of Mathematics 132 and 133.
3. A minimum grade-point average of 2.0 in all mathematics courses.
4. Completion of Chemistry 141 or 151 or approved substitution or waiver. Computer Science majors are not required to fulfill this requirement.
5. Completion of Physics 183.

- ~~6. Completion of Engineering 102 or Computer Science and Engineering 231 or approved substitution or waiver.~~
Completion of Engineering 102 or Computer Science and Engineering 231 or Computer Science and Engineering 220 or approved substitution or waiver.

7. Completion of Engineering 100.

Freshmen and sophomores who have declared specific engineering majors (excluding Engineering No-Preference) are automatically reviewed at the end of every semester, and are either admitted or informed of their progress. Others may apply for admission during each semester, and applications will be reviewed after the end of each semester. Students must be admitted to a degree-granting college at the time they have completed 56 credits.

16. Are there admissions requirements for this program?:

Grade or grade-point average requirements and if so in which course(s), portfolio requirement, audition, essay, etc. If there are not admission requirements other than those required by the University policy indicate "none".

?

17. Type(s) of change(s):

College admission and graduation requirements

18. Students who will be affected by the proposed changes:

Electrical Engineering Students

19. Will the proposed change(s) have a negative impact on students? If so, which ones?:

No.

Describe impact and explain what accommodations will be made: We will provide a one year transition offering of CSE 251 for affected students

20. Reason(s) for change(s):

Change in requirements: Electrical Engineering students need a different programming course.

DEPARTMENT LEVEL APPROVAL STATUS

Approved: College of Engineering
12/11/2012 10:23:46 AM by Jamie Ramos for Thomas F. Wolff, Associate Dean

Comments: Please process at the same time as the Electrical Engineering Program change.

COLLEGE LEVEL APPROVAL STATUS

Approved: College of Engineering
12/11/2012 10:24:02 AM by Jamie Ramos for Thomas F. Wolff, Associate Dean

Comments: Please process at the same time as the Electrical Engineering Program change.

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Admission to the College

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2. Completion of Mathematics 132 and 133.
3. A minimum grade-point average of 2.0 in all mathematics courses.
4. Completion of Chemistry 141 or 151 or approved substitution or waiver. Computer Science majors are not required to fulfill this requirement.
5. Completion of Physics 183.
6. Completion of Engineering 102 or Computer Science and Engineering 231; or approved substitution or waiver.
7. Completion of Engineering 100.

*or Computer Science and Engineering
220*

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