

University of North Carolina at Charlotte

Course and Curriculum Proposal

The William States Lee College of Engineering (Engineering Management Program)

Title: **Add a New Undergraduate ENGR 4090 Special Topics Course**

- A. Proposal Summary: Add 1 course, **ENGR 4090 Special Topics** to Engineering courses.

Proposed Catalog Copy:

ENGR 4090. Special Topics. (1-4) Directed study of current topics of special interest. May be repeated for credit. (On demand)

B. Justification

1. Need. This new course offers engineering undergraduate students a course to work on current topics of special interest in the engineering field, such as engineering management areas.
2. Prerequisites/Corequisites: Senior standing or consent of instructor.
3. Course Numbering: The course is numbered consistent with the guidelines on the University Catalog.
4. Improvements Resulting: Addition of this course will allow the program to offer engineering students some current topics of special interest in the engineering areas.

C. Impact

1. The primary students served by this proposal will be senior students in the Engineering College who are interested in taking certain engineering management topics as an elective.
2. These courses will have an impact on existing curricula and courses as follows:
 - a. Frequency of offering: as needed or on demand.
 - b. Effects on frequency of offering other courses: minimal.
 - c. Anticipated enrollment: depends on the number of students taking a specific topic.
 - d. Effects on enrollment in other courses: minimal.
 - e. This course has not been offered previously.

f. This offering will not affect other areas of catalog copy.

D. Resources Required to support Proposal: no additional resources.

1. Personnel: no additional resources.
2. Physical facility: no additional resources.
3. Equipment and Supplies: no additional resources.
4. Computer: no additional resources.
5. Audio Visual: no additional resources.
6. Other resources: no additional resources.
7. Sources of funding: N/A.

E. Consultation with Library. This proposal was not reviewed by Library Reference Staff because the topics are not known in advance.

Consultation with Other Units. Copies of this proposal were sent to the departments of Civil Engineering, Electrical and Computer Engineering, Engineering Technology and Mechanical Engineering on August 26, 2004.

F. Initiation and Consideration of the Proposal

1. Originating Unit: All faculty teaching in the EMGT course area approved of this proposal on August 26, 2004.
2. Other considering units: none.
3. This proposal was not submitted to the Council on General Education.

G. Attachments: None.



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THE WILLIAM STATES LEE
COLLEGE OF ENGINEERING
DEPARTMENT OF ELECTRICAL AND COMPUTER ENGINEERING

704 / 687-2302 phone
704 / 687-2352 fax

To: Professor S. Gary Teng

From: Lee W. Casperson, Chair *LC*
Department of Electrical and Computer Engineering


Date: 20 October 2004

Subject: EMGT 4090

The purpose of this note is to express support for approval of the new course EMGT 4090 Special Topics. This course seems to me to be an entirely appropriate addition to your Engineering Management curriculum, and it should strengthen both your program and programs of the other engineering departments. For instance, seniors in ECE could potentially take this course as an elective to gain experience with management related issues, and management positions are part of a common career path for students coming from the various engineering disciplines.

Date: 10/22/04

TO: S. Gary Teng, Director
Engineering Management Program

FROM: Jay Raja, Chair 
Department of Mechanical Engineering and Engineering Science

SUBJECT: Engineering Management Program EMGT 8-26-04R2 Proposal

The Department of Mechanical Engineering and Engineering Science is glad to offer its support to Engineering Management Program's proposal, EMGT 8-26-04R2, to add EMGT4090 Special Topics course to its program. The addition of EMGT4090 can serve all engineering students, provide them needed knowledge in management related issues, and enhance their ability in dealing with management problems after they graduate.

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Gary Teng

From: David T Young [dyoung@uncc.edu]
Sent: Wednesday, October 13, 2004 1:01 PM
To: sgteng@uncc.edu
Subject: Support Letter for EMGT 4090 Course Proposal

Gary,

The Department of Civil Engineering supports your proposal (EMGT 8-26-04R2) to establish a new Engineering Management course, EMGT 4090 Special Topics. We wish you success with the course and look forward to continuing collaboration between our two departments.

Regards,

David Young
Chairman, Department of Civil Engineering
UNC Charlotte
