

at 11/1/01

(1)

CURRICULUM PROPOSAL FORM 2001-2002

NON-GENERAL EDUCATION PROCESS A

***DEADLINES:** Deadline dates for 2001/2002 submissions: Regular proposals: October 19, 2001 to be implemented in Fall 2002; Short-Term proposals: December 7, 2001 to be implemented in Fall, 2002; Regular proposals February 15, 2002 to be implemented in Spring, 2003; March 22, 2002 for short-term courses to be implemented in Spring 2003.

PROPOSAL TITLE: Change in Course Number of "Transportation Engineering" from 0908.461 to 0908.361

SPONSOR(S): Yusuf Mehta, x 5327

DEPARTMENT: Civil and Environmental Engineering

COLLEGE:

IF LAS CHECK ONE: History/Humanities Math/Sciences Social/Behavioral Sciences

Check one: Undergraduate Graduate

THE ATTACHED **NON-GEN-ED** PROPOSAL IS BEST DESCRIBED BY THE ITEM(S) CHECKED.

New non-gen-ed course

Short-term non-gen-ed course

Minor curricular changes (fewer than three) to:

existing non-gen-ed course

non-gen-ed degree requirements

major

minor, specialization, concentration, track, certificate program

DEPARTMENT
(Signature indicates approval)

Dept. Curriculum Chair / Date Jay R. King 2/15/02

Dept. Chairperson / Date Kausar Jahan 2/15/02

ACADEMIC DEAN

Approved Not Approved Comments: There are no resource issues.

Dean's Signature/Date Dianne Dole 4/22/02

COLLEGE CURRICULUM COMMITTEE

Date of open hearing (if necessary) 4/26/02 Approved Not Approved
Comments:

Signature of College Chair/Date: Kenn O Sch

UNIVERSITY CURRICULUM COMMITTEE

Date Received/Processed _____
Comments:

Curriculum Chair Signature Phillip A. Lewis 7/25/02 Date Announced At Senate 7/17/02

EXECUTIVE VICE PRESIDENT/PROVOST

Approved Not Approved If no, reasons are as follows:

Student Credit Hours _____ Faculty Load Hours _____ Equalized Credit Hours _____

Official Copy & Approval Sheet Filed (Date): _____ Executive VP/Provost Signature/Date [Signature]
11/13/02

REGISTRAR

Date Approved Course Description Received _____ Hegis Taxonomy & Course Number Assigned 0908-36

Registrar Signature/Date [Signature] 11/13/02

NOTIFICATION FORWARD

Senate Curriculum Committee Chairperson Academic Dean(s) C.A.P. Janet Koch
 Department Chairpersons Registrar Im 11-22-02
Sponsor(s) _____

Course Proposal – New Course

1. Details

- a) Course Title: Transportation Engineering (0908-361)
- b) Sponsor: Dr. Yusuf A. Mehta, x 5327
Civil and Environmental Engineering
- c) Credit Hours: 3 hours
- d) Course Level: Junior (300)
- e) Prerequisites: Intro to Micro Economics (2204.102), or permission of instructor.
- f) Implementation: To be implemented at the time of the rest of the CEE changes to curriculum. The course will be offered once per year.
- g) Curricular Effect: The proposed change will provide basic knowledge in transportation engineering to all Civil and Environmental Engineering students. The change is just moving a course from the senior to the junior year.
- h) Resources: No new resources required.
- i) Library: No new resources required.

2. Rationale

This proposal consists of a change in course number of an existing course without any change in the course content. The existing course, "Transportation Engineering" (0908-461) is part of the undergraduate Civil and Environmental Engineering curriculum and is a required course for Senior students in the Infrastructure track, and is offered every year.

The course will be offered in the Junior year instead of the Senior and will be a required course for all students. The only change is the change in course number to reflect a junior year course.

3. Essence of the Course

There is no change to the essence of the course. It is simply being moved earlier in the curriculum. The content is the same as the existing course Transportation Engineering 0908.461.

4. Results of Consultations

The proposed course is the same course entitled "Transportation Engineering" which is part of the current Civil and Environmental Engineering Curriculum approved by the University Senate. Consultations were submitted with the original proposal as specified by the Curriculum

Committee.

Catalog Description

Transportation Engineering (0908.361)

Prerequisites: Intro to Micro Economics (2204.102), or permission of instructor.

(Offered every year)

The course deals with the analysis, design, construction, operation, maintenance, rehabilitation, and efficiency of transportation systems and mass transit systems. The course includes a study of the impact on transportation systems caused by sociological, geographical, economic and environmental factors. The course also included appropriate field measurement and computer applications.