



Minnesota State University, Mankato
Curriculum Proposal

08-55
RECEIVED
MINNESOTA STATE UNIVERSITY, MANKATO

Please type or select the requested information. Print completed forms, add appropriate paper attachments, and route through MSU's curricular process for recommendations and decisions.

College: <u>Science, Engineering and Technology</u>		(Check all that apply):		Proposal # <u>84</u>						
Department: <u>Mechanical Engineering</u>		<input type="checkbox"/> Undergraduate		Effective Date of Change:						
Program: <u>BS in Civil Engineering</u>		<input type="checkbox"/> Graduate		Academic Year <u>07-08</u>						
Type of Change: <u>COURSE PROPOSALS</u>		CIP #		(For Office Use Only)						
Proposed: <u>Change in Course—Other</u>										
Title Current:	<u>Transportation Engineering</u>	<table border="1"> <thead> <tr> <th>Course Designator and Number</th> <th>Number of Credits</th> </tr> </thead> <tbody> <tr> <td>CIVE 370</td> <td>4</td> </tr> <tr> <td>CIVE 370</td> <td>4</td> </tr> </tbody> </table>	Course Designator and Number	Number of Credits	CIVE 370	4	CIVE 370	4		
Course Designator and Number	Number of Credits									
CIVE 370	4									
CIVE 370	4									
Title Proposed:	<u>Transportation Engineering</u>									
24-Char. Abbrev:	<u>Transportation Engineeri</u>			(if applicable)						

Include a course or program description for the Bulletin (30-40 words maximum for courses, 100 for programs):
Attached

Rationale or Justification for change:
Co-req. is adequate because the knowledge needed for CIVE 271 will be covered prior to time needed in CIVE 370.

For General Education or Cultural Diversity Courses Only

<p>General Education Course:</p> <table border="1"> <thead> <tr> <th>GE Category #</th> <th>GE Category Name (Maximum of 3 Categories)</th> </tr> </thead> <tbody> <tr> <td>N/A</td> <td></td> </tr> <tr> <td>N/A</td> <td></td> </tr> <tr> <td>N/A</td> <td></td> </tr> </tbody> </table>		GE Category #	GE Category Name (Maximum of 3 Categories)	N/A		N/A		N/A		<p>Cultural Diversity Course:</p> <p>(Please check one.)</p> <p><input type="checkbox"/> Core (At least 75% devoted to topics of race, gender, sexual orientation, age, class, and disabilities as they occur in United States Society.)</p> <p><input type="checkbox"/> Related (At least 25% devoted to the above topics or to a global perspective on topics related to African American, Asian, Hispanic, and Native American inhabitants of the United States.)</p>
GE Category #	GE Category Name (Maximum of 3 Categories)									
N/A										
N/A										
N/A										
<p>? For Writing Intensive Courses, attach a description of the kind and quantity of writing.</p> <p>? For Upper Division Courses, include a description of the respects in which it is broad and general rather than narrow and specific, and so suitable as GE.</p>										
<p>Attach paper copies of the following:</p> <ol style="list-style-type: none"> Syllabus or course outline. Course's student learning outcomes associated with each GE competency or CD designation. List of strategies to be used to assess students' achievement of each GE competency or CD designation. 										

For New Courses

(Check all that apply):	Instructional Type: <u>Lecture</u>	Course will be offered:
<input type="checkbox"/> Course is an elective.	Grading Format: <input type="checkbox"/> Grade <input type="checkbox"/> P/N	<input type="checkbox"/> Fall Semester
<input type="checkbox"/> Course is required for program		<input type="checkbox"/> Spring Semester
<input type="checkbox"/> Pre- or Co-requisites:		<input type="checkbox"/> Summer Session
<input type="checkbox"/> Other courses are being changed or eliminated. (Explain.)		
<p><input type="checkbox"/> Course content or title is similar to courses in other departments. (Attach copy of letter of agreement with other program(s) contacted. Indicate the nature of the discussions and/or resolution of differences or potential conflicts.)</p> <p>Attach paper copies of the following:</p> <ol style="list-style-type: none"> Syllabus or course outline. Course's student learning outcomes. A list of resources required to offer and support this course. A description of how teaching this course will affect department staffing. If 400/500 level course, an explanation of added expectations of graduate students. 		

CURRENT BULLETIN COPY

CIVE 370 (4) Transportation Engineering

Introduction to Transportation systems: land use and transportation interaction, planning, and traffic operations; transportation decision making using economic analysis.

Introduction to design, construction, maintenance, and operation of various transportation modes.

Pre: CIVE 271 or consent of instructor.

PROPOSED BULLETIN COPY

CIVE 370 (4) Transportation Engineering

Introduction to Transportation systems: land use and transportation interaction, planning, and traffic operations; transportation decision making using economic analysis.

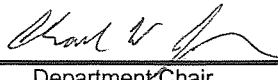
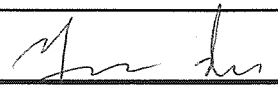
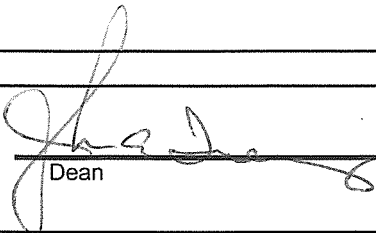
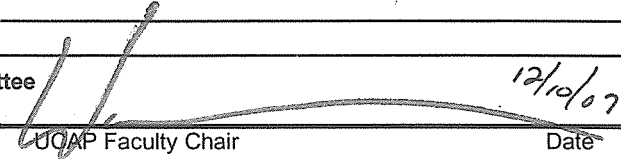
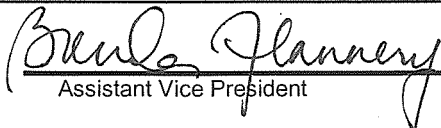
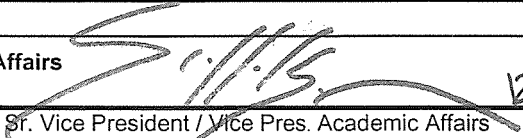
Introduction to design, construction, maintenance, and operation of various transportation modes.

Co-req.: CIVE 271.



Minnesota State University, Mankato
Curriculum Proposal

Signature Page

Department			
<input checked="" type="checkbox"/> Recommended	(Category/ies _____)		12/01/07
<input type="checkbox"/> Not Recommended	(Category/ies _____)	Department Chair	Date
Comments:			
College Curriculum Committee			
<input checked="" type="checkbox"/> Recommended	(Category/ies _____)		10/30/07
<input type="checkbox"/> Not Recommended	(Category/ies _____)	Committee Chair	Date
Comments:			
College Dean			
<input checked="" type="checkbox"/> Recommended	(Category/ies _____)		10/31/07
<input type="checkbox"/> Not Recommended	(Category/ies _____)	Dean	Date
Comments:			
General Education Subcommittee			
<input type="checkbox"/> Recommended	(Category/ies _____)	_____	_____
<input type="checkbox"/> Not Recommended	(Category/ies _____)	General Education Subcommittee Chair	Date
Comments:			
Undergraduate Curriculum and Academic Policy Committee			
<input checked="" type="checkbox"/> Recommended	(Category/ies _____)		12/01/07
<input type="checkbox"/> Not Recommended	(Category/ies _____)	UOAP Faculty Chair	Date
Comments:			
Faculty Association Graduate Committee			
<input type="checkbox"/> Recommended		_____	_____
<input type="checkbox"/> Not Recommended		Faculty Association Graduate Chair	Date
Comments:			
Graduate Dean			
<input type="checkbox"/> Recommended		_____	_____
<input type="checkbox"/> Not Recommended		Graduate Dean	Date
Comments:			
Academic Affairs Council			
<input checked="" type="checkbox"/> Recommended	(Category/ies _____)		12/20/07
<input type="checkbox"/> Not Recommended	(Category/ies _____)	Assistant Vice President	Date
Comments:			
Senior Vice President and Vice President for Academic Affairs			
<input checked="" type="checkbox"/> Approved	(Category/ies _____)		12/20/07
<input type="checkbox"/> Not Approved	(Category/ies _____)	Sr. Vice President / Vice Pres. Academic Affairs	Date
Comments:			