Minnesota State University, Mankato
Curriculum Proposal

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: | Science, Engineering and Technology | (Check all that apply): |
| Department: | Mechanical Engineering | Undergraduate |
| Program: | BS in Civil Engineering | Graduate |
| Type of Change: | COURSE PROPOSALS | |
| Proposed: | Change in Course—Other | |
| Title Current: | Transportation Engineering | |
| Title Proposed: | Transportation Engineering | |
| 24-Char. Abbrev: | Transportation Engineeri | |

Proposal #: 84
Effective Date of Change: 07-08
Academic Year: 07-08
(CIP #)

<table>
<thead>
<tr>
<th>Course Designator</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>

(For Office Use Only)

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***

<table>
<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></td>
<td></td>
</tr>
<tr>
<td>N/A</td>
<td></td>
</tr>
</tbody>
</table>

* For Writing Intensive Courses, attach a description of the kind and quantity of writing.
* 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.

Attach paper copies of the following:

a. Syllabus or course outline.
b. Course's student learning outcomes associated with each GE competency or CD designation.

c. List of strategies to be used to assess students' achievement of each GE competency or CD designation.

***For New Courses***

<table>
<thead>
<tr>
<th>(Check all that apply:)</th>
<th>Instructional Type: Lecture</th>
</tr>
</thead>
<tbody>
<tr>
<td>Course is an elective.</td>
<td></td>
</tr>
<tr>
<td>Course is required for program</td>
<td></td>
</tr>
<tr>
<td>Pre- or Co-requisites:</td>
<td></td>
</tr>
<tr>
<td>Other courses are being changed or eliminated. (Explain.)</td>
<td></td>
</tr>
</tbody>
</table>

Course will be offered:

- Fall Semester
- Spring Semester
- Summer Session

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.)

Attach paper copies of the following:

a. Syllabus or course outline.

b. Course's student learning outcomes.

c. A list of resources required to offer and support this course.

d. A description of how teaching this course will affect department staffing.

e. If 400/500 level course, an explanation of added expectations of graduate students.

Revised September 2002
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.

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.
### Signature Page

**Department**
- Recommended (Category/ies)
- Not Recommended (Category/ies)

Department Chair: [Signature]

Date: 19042007

**Comments:**

**College Curriculum Committee**
- Recommended (Category/ies)
- Not Recommended (Category/ies)

Committee Chair: [Signature]

Date: 10302007

**Comments:**

**College Dean**
- Recommended (Category/ies)
- Not Recommended (Category/ies)

Dean: [Signature]

Date: 10312007

**Comments:**

**General Education Subcommittee**
- Recommended (Category/ies)
- Not Recommended (Category/ies)

General Education Subcommittee Chair: [Signature]

Date: 12122007

**Comments:**

**Undergraduate Curriculum and Academic Policy Committee**
- Recommended (Category/ies)
- Not Recommended (Category/ies)

OCAP Faculty Chair: [Signature]

Date: 12122007

**Comments:**

**Faculty Association Graduate Committee**
- Recommended
- Not Recommended

Faculty Association Graduate Chair: [Signature]

Date: 12122007

**Comments:**

**Graduate Dean**
- Recommended
- Not Recommended

Graduate Dean: [Signature]

Date: 12122007

**Comments:**

**Academic Affairs Council**
- Recommended (Category/ies)
- Not Recommended (Category/ies)

Assistant Vice President: [Signature]

Date: 12202007

**Comments:**

**Senior Vice President and Vice President for Academic Affairs**
- Approved (Category/ies)
- Not Approved (Category/ies)

Sr. Vice President / Vice Pres. Academic Affairs: [Signature]

Date: 12202007

**Comments:**

Revised September 2002