



07117

**Minnesota State University, Mankato** HOLD and CLEAR buttons only compatible with Acrobat V. 4 and 5  
**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.

		(Check all that apply):	Proposal # <u>134</u>								
College:	<u>Science, Engineering and Technology</u>	<input checked="" type="checkbox"/> Undergraduate	Effective Date of Change:								
Department:	<u>Computer and Information Sciences</u>	<input checked="" type="checkbox"/> Graduate ✓	Academic Year <u>06-07</u>								
Program:	<u>Information Systems (ISYS)</u>	CIP # <u>11.040100</u>	(For Office Use Only)								
Type of Change	<u>COURSE PROPOSALS</u>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Course Designator and Number</th> <th>Number of Credits</th> </tr> </thead> <tbody> <tr> <td>COMS 4/580</td> <td>4</td> </tr> <tr> <td>ISYS4/584</td> <td>4</td> </tr> <tr> <td colspan="2" style="text-align: center;">(if applicable)</td> </tr> </tbody> </table>		Course Designator and Number	Number of Credits	COMS 4/580	4	ISYS4/584	4	(if applicable)	
Course Designator and Number	Number of Credits										
COMS 4/580	4										
ISYS4/584	4										
(if applicable)											
Proposed:	<u>Change in Designator and Number</u>										
Title Current:	<u>Software Engineering</u>										
Title Proposed:	<u>Software Engineering</u>										
24-Char. Abbrev:	<u>Software Engineering</u>										

Include a course or program description for the Bulletin (30-40 words maximum for courses, 100 for programs):  
 Principles, methods, and techniques for construction of software systems. Software architecture, design, and implementation. Project management, planning, quality assurance, and product maintenance. Application of software engineering techniques to homework assignments and team projects.  
 Pre: ISYS 480 or IT 480  
 Fall, Spring

**Rationale or Justification for change:**  
 Change in department designation.

**\*\*\*For General Education or Cultural Diversity Courses Only\*\*\***

<b>General Education Course:</b>	<b>Cultural Diversity Course:</b>								
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>GE Category #</th> <th>GE Category Name (Maximum of 3 Categories)</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">N/A</td> <td></td> </tr> <tr> <td style="text-align: center;">N/A</td> <td></td> </tr> <tr> <td style="text-align: center;">N/A</td> <td></td> </tr> </tbody> </table>	GE Category #	GE Category Name (Maximum of 3 Categories)	N/A		N/A		N/A		(Please check one.) <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.) <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.)
GE Category #	GE Category Name (Maximum of 3 Categories)								
N/A									
N/A									
N/A									

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:

- 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 checked="" type="checkbox"/> Grade <input type="checkbox"/> P/N	<input checked="" type="checkbox"/> Fall Semester
<input checked="" type="checkbox"/> Course is required for program	<u>Information Systems (ISYS)</u>	<input checked="" type="checkbox"/> Spring Semester
<input checked="" type="checkbox"/> Pre- or Co-requisites:	<u>ISYS 480 or IT 480</u>	<input type="checkbox"/> Summer Session
<input type="checkbox"/> Other courses are being changed or eliminated. (Explain.) _____		

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:

- 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.



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Curriculum Proposal

\*\*\*Signature Page\*\*\*

**Department**

Recommended (Category/ies \_\_\_\_\_)  
 Not Recommended (Category/ies \_\_\_\_\_)

David J. Angli 10/10/06  
 Department Chair Date

Comments:

**College Curriculum Committee**

Recommended (Category/ies \_\_\_\_\_)  
 Not Recommended (Category/ies \_\_\_\_\_)

Karen C. Chou 11/2/06  
 Committee Chair Date

Comments:

**College Dean**

Recommended (Category/ies \_\_\_\_\_)  
 Not Recommended (Category/ies \_\_\_\_\_)

[Signature] 11/6/06  
 Dean Date

Comments:

**General Education Subcommittee**

Recommended (Category/ies \_\_\_\_\_)  
 Not Recommended (Category/ies \_\_\_\_\_)

\_\_\_\_\_  
 General Education Subcommittee Chair Date

Comments:

**Undergraduate Curriculum and Academic Policy Committee**

Recommended (Category/ies \_\_\_\_\_)  
 Not Recommended (Category/ies \_\_\_\_\_)

[Signature] 1-31-07  
 UCAP Faculty Chair Date

Comments:

**Faculty Association Graduate Committee**

Recommended  
 Not Recommended

\_\_\_\_\_  
 Faculty Association Graduate Chair Date

Comments:

**Graduate Dean**

Recommended  
 Not Recommended

\_\_\_\_\_  
 Graduate Dean Date

Comments:

**Academic Affairs Council**

Recommended (Category/ies \_\_\_\_\_)  
 Not Recommended (Category/ies \_\_\_\_\_)

[Signature] 2/9/07  
 Assistant Vice President Date

Comments:

**Senior Vice President and Vice President for Academic Affairs**

Approved (Category/ies \_\_\_\_\_)  
 Not Approved (Category/ies \_\_\_\_\_)

[Signature] 2/13/07  
 Sr. Vice President / Vice Pres. Academic Affairs Date

Comments: