

05-54



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 #	100
College:	Science, Engineering and Technology	<input type="checkbox"/>	Undergraduate	Effective Date of Change:	
Department:	Interior Design and Construction Management	<input type="checkbox"/>	Graduate	Academic Year	05
Program:	Construction Management			(For Office Use Only)	
Type of Change	COURSE PROPOSALS	CIP #	15.100100	Course Designator and Number	Number of Credits
Proposed:	New Course				
Title Current:					
Title Proposed:	Construction Safety and Loss Control			CM 424	02
24-Char. Abbrev:	Construction Safety			(if applicable)	

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

Principles and practices of construction safety, health, and loss control. Emphasis is on hazard recognition, control procedures and management systems for measuring and evaluating loss control performance in the construction industry.

Rationale or Justification for change:

Current course has a broad focus - proposed course addresses solely the construction industry.

For General Education or Cultural Diversity Courses Only

General Education Course:		Cultural Diversity Course:
GE Category #	GE Category Name (Maximum of 3 Categories)	(Please check one.)
N/A		<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.)
N/A		<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.)
N/A		

7 For Writing Intensive Courses, attach a description of the kind and quantity of writing.
7 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:

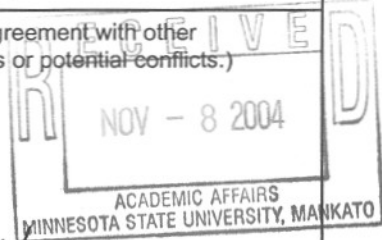
- Syllabus or course outline.
- Course's student learning outcomes associated with each GE competency or CD designation.
- List of strategies to be used to assess students' achievement of each GE competency or CD designation.

For New Courses

(Check all that apply:)	Instructional Type: <input type="checkbox"/> Lecture	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		<input checked="" type="checkbox"/> Spring Semester
<input type="checkbox"/> Pre- or Co-requisites:		<input type="checkbox"/> Summer Session
<input checked="" type="checkbox"/> Other courses are being changed or eliminated. (Explain.)	CM 424 will replace MET 424 for CM majors	
<input checked="" 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.)		

Attach paper copies of the following:


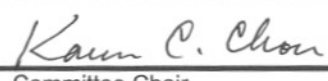
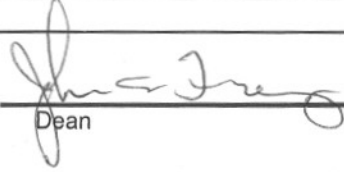
- Syllabus or course outline. **ATTACHED**
- Course's student learning outcomes. **SEE SYLLABUS**
- A list of resources required to offer and support this course. **N/A**
- A description of how teaching this course will affect department staffing. **N/A**
- If 400/500 level course, an explanation of added expectations of graduate students. **N/A**





Minnesota State University, Mankato
Curriculum Proposal

Signature Page

Department		
<input checked="" type="checkbox"/> Recommended (Category/ies _____)		10/20/04
<input type="checkbox"/> Not Recommended (Category/ies _____)	Department Chair	Date
Comments:		
College Curriculum Committee		
<input checked="" type="checkbox"/> Recommended (Category/ies _____)		11/4/04
<input type="checkbox"/> Not Recommended (Category/ies _____)	Committee Chair	Date
Comments:		
College Dean		
<input checked="" type="checkbox"/> Recommended (Category/ies _____)		11/5/04
<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 type="checkbox"/> Recommended (Category/ies _____)	_____	_____
<input type="checkbox"/> Not Recommended (Category/ies _____)	UCAP 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 type="checkbox"/> Recommended (Category/ies _____)	_____	_____
<input type="checkbox"/> Not Recommended (Category/ies _____)	Assistant Vice President	Date
Comments:		
Senior Vice President and Vice President for Academic Affairs		
<input type="checkbox"/> Approved (Category/ies _____)	_____	_____
<input type="checkbox"/> Not Approved (Category/ies _____)	Sr. Vice President / Vice Pres. Academic Affairs	Date
Comments:		

Fee, Scott T

From: Petersen, Harry C
Sent: Thursday, October 21, 2004 3:58 PM
To: Fee, Scott T
Subject: RE: MET 424/CM 424

Scott -

That will be ok with the AMET Department. We could also offer MET 424 as a technical elective for your students.

Harry Petersen

-----Original Message-----

From: Fee, Scott T
Sent: Thursday, October 21, 2004 1:24 PM
To: Petersen, Harry C
Subject: MET 424/CM 424

Harry-

Per our earlier discussion, the Construction Management program will develop and offer CM 424: Construction Safety & Loss Control.

Our proposal shows CM 424 first being offered Fall 2005 as a replacement for MET 424.

We can continue to discuss the possibility of offering the CM course as a technical elective for your students.

Thanks Harry,

SF

Scott Fee, Dept. Dir. & Asst. Professor
Construction Management Program
Interior Design & Construction Mgmt. Dept.
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scott.fee@mnsu.edu
www.scottfee.com

10/21/2004

Minnesota State University, Mankato - College of Science, Engineering and
Technology
Department of Interior Design and Construction Management

Proposed Syllabus for
CONSTRUCTION SAFETY and LOSS CONTROL
CM 424 / 2 Semester Hours

Course Description

The course is an introduction to construction safety, health, and loss control. Emphasis is on hazard recognition, control procedures and management systems for measuring and evaluating loss control performance in the construction industry.

Student Outcomes

After successful completion of the course, the student will:

1. Recognize the need for safety/loss control in the construction industry.
2. Understand fundamental technical and managerial techniques for loss control.
3. Have a working knowledge of the worker's compensation system.
4. Understand OSHA's role in the construction industry.
5. Recognize and evaluate hazards and hazard abatement techniques for the construction industry.
6. Have completed a certified OSHA 10 hour outreach seminar.

Course Outline

- 1.0 Introduction to construction loss control
 - 1.1 The construction loss control problem
 - 1.2 Loss control vs. safety
- 2.0 Risk Management
 - 2.1 Construction risk management overview
 - 2.2 Workers compensation insurance
 - 2.2.1 Historical review
 - 2.2.2 Purpose
 - 2.2.3 Benefits
 - 2.2.4 Injuries
 - 2.2.5 Rate making

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 - 2.2.2 Purpose
 - 2.2.3 Benefits
 - 2.2.4 Injuries
 - 2.2.5 Rate making

- 3.0 Loss Control Management
 - 3.1 The management model
 - 3.2 Management accountability
 - 3.2.1 Safety culture/S.T.A.R.T.
 - 3.2.2 Stanford S.A.F.E.R./ New EE orientation
 - 3.2.3 Measurements
 - 3.2.3.1 Types of measurements
 - 3.2.3.2 Methods of measurements
 - 3.2.3.3 Stanford cost accountability
 - 3.2.3.4 Accident analysis
 - 3.2.4 Zero Injury

- 4.0 Regulatory Compliance
 - 4.1 Safety regulatory overview
 - 4.2 Occupational safety and health administration (OSHA)
 - 4.2.1 Overview of the act
 - 4.2.2 OSHA standards
 - 4.2.3 Act administration
 - 4.2.4 Inspection
 - 4.2.4.1 The inspection
 - 4.2.4.2 Citations
 - 4.2.4.3 Contesting
 - 4.2.5 Hazard communication

- 5.0 Hazard Recognition
 - 5.1 The process
 - 5.2 Personal protective equipment
 - 5.3 Industrial hygiene
 - 5.3.1 Overview
 - 5.3.2 Asbestos
 - 5.4 Ergonomics
 - 5.4.1 Overview
 - 5.4.1 Manual material handling
 - 5.5 Physical Hazards/OSHA 10 hour training