

Course Revision: SAFE 412 Hazard Prevention Management

Part II. Description of the Curriculum Change

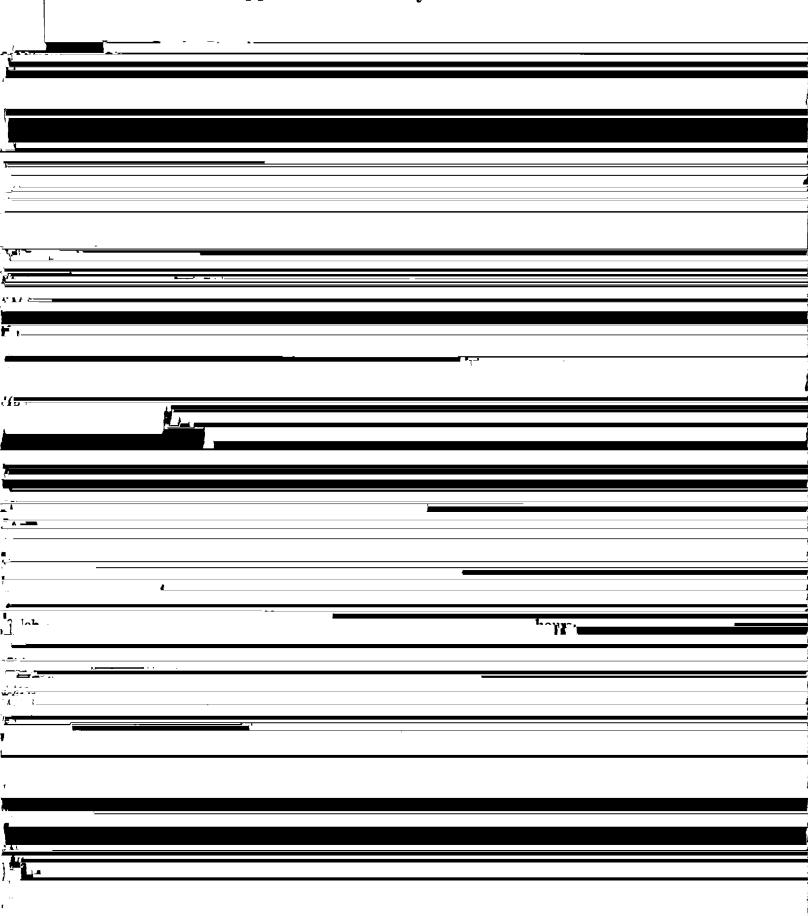
1.	Syllabu	s of	Record.
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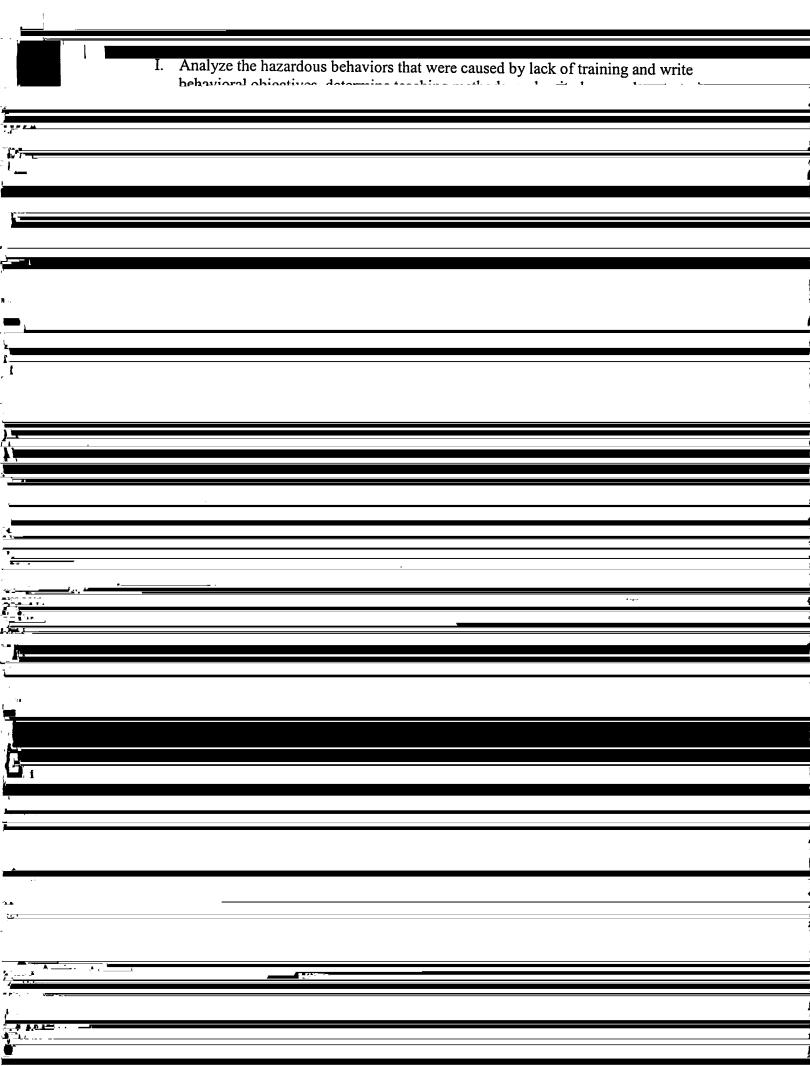
The new syllabus of record for this revised course is attached in Appendix A.

- 2. A summary of the proposed revisions:
 - a. Remove the following specific content areas which are covered in existing

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	3. Justification/rationale for the revision.	
	The above changes were based on recommendations from the department's advisory	
	committee meeting and the Department Curriculum Committee review meeting on May 3, 2002. During this meeting the syllabus of SAFE 412 was reviewed as well as	
	TATE 2, 2002. During this mixeting the Athretis of PAPER 417. WAS TEXACHED AS: WELL AS	
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Appendix A: New Syllabus of Record





F. Cause and Effect Sequencing (3 hours) 1. Fishbone Diagrams 2. Run Charts 3. Control Charts 4. Pareto Charts 5. Scatter Diagrams 6. Force Field Analysis 7. Universal Model 8. Pope's Systems Safety Management G. Hazardous Condition Prevention (2 hours) 1. Systems Safety Management Loss Incident Sequence Model 2. Using Inspections 3. Measuring the Effectiveness of Programs H Course Analysis of Hoggedone D.1.

L. Safety Program Evaluat	ion
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(3 hours)

- 1. OSHA and MSHA Injury Rates
- 2. Safe-T-Score Technique
- 3. Criteria to Measure Program Effectiveness.

M. Management Performance Evaluation

(3 hours)

1. Data to Measure Individual Managers for Accountability Purposes (Incident Frequency and Severity, Timeliness and Completeness of Loss Incident Investigations, Follow Through of Corrective Action and Departmental Hazard Prevention Procedure Development)

Title of Laboratory Exercises # of Hours Lecture Units Covered

	The grading scale is	as follows:	
	A B C D F	90%-100% 80%-89% 70%-79% 60%-69% < 60%	
	At the discretion of	the faculty member, a grading curve that res	sults in appropriate
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Example Grading Scale

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Appendix B: Old Syllabus of Record

I. Catalog Description

SAFE 412 Hazard Prevention Management

4 credits
3 lecture hours
3 laboratory hours
(3c-31-4cr)

Prerequisites: MATH 217, MGT 311, Jr Standing Teaches various safety management techniques to identify and prevent the occurrence of

	G. given data about hazardous conditions at a company and the organization of that
	Company determine who was responsible for allowing the sandition to be sented in
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III. Course Outline

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	A. Scope of the Safety Function (1 hours)



	J. Training to Prevent Hazardous Behavior (5 hours)
	Training methods to prevent hazardous behavior caused by lack of training are presented.
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brokers, functions of insurance companies, rating bureaus, workers compensation insurance, insurance rating, and litigating workers compensation claims. P. Establishing a Risk Management Program (3 hours)

Evaluation Methods IV. The faculty person assigned to teach this course could be one of several faculty within the

		v.	Required Textbooks, Supplemental Books and Readings	
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VIII. Historical Bibliographies Chekanski, R. Philip. "A Loss Control Information System: Techniques for Its Implementation," Occupational Hazards - Focus Section: Journal of the National Safety Management Society, April 1974.

Appendix C: Catalog Description.

SAFE 412 Hazard Prevention Management

(3c-31-4cr)

Prerequisites: MATH 217 and MGMT 311

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