

II. Description of the Curriculum Change

1. New Syllabus of Record

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		Syllabus of Record	İ
	l.	Catalog Description	
-		SAFE 100 The Science of Living Safely	3 lecture hours
₹ <u>*′</u>			0 lab hours 3 credits (3c-0l-3cr)
		Prerequisites: Non Safety, Health and Environmental A	pplied Sciences Major and Minor
x F		Examines the relevance impact and role that safety of	vlleinense_vehot hInnw edt ni sve
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· · · · · · · · · · · · · · · · · · ·		in the workplace. Includes the historical and scientific de regulations, the impact of injury on society, identification in specific industrial processes, and the personal and experience of the personal and the personal and experience of the personal and the persona	n of hazards and hazard controls
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Rationale: Through the use of a guided worksheet, students will examine the historical and scientific reasons as to why a particular section(s) of the OSHA regulations was passed (hypothesis) and how its passage has affected workplace safety today (current injury results data compared with historical injury results data). The intent is for the student to prove or disprove how these specific regulations/events are concretely official the reduction of bazarde and risks in the workplace today as determined by the decrease (or increase) in current injury rates compared to historical rates (the student will have to track down these rates). Students are encouraged to include additional outcome measures other than injury rates to prove their hypothesis. Objective 3: Describe personal responsibilities for safety and health promotion for one's self, others and the community.

III Course Outline

A. SAFETY PERSPECTIVES

(9 hrs)

- 1. Historical
- 2. Scientific
- 3. Sociological
- 4. Economical
- 5. Psychological
- 6. Ethical

- 7. Literary: The Jungle by Upton Sinclair
- 8. Cinematic: Norma Rae, Erin Brockovich, and Silkwood
- 9. Diversity and social justice

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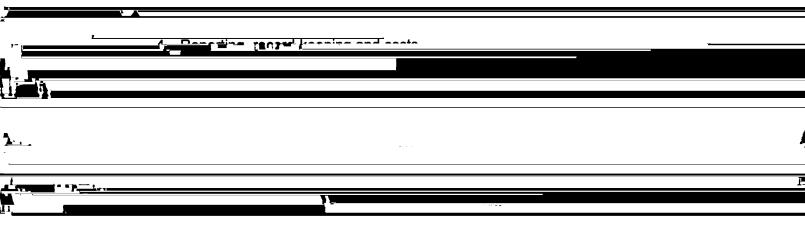
B. SAFETY IN THE WORKPLACE: HISTORY OF REGULATIONS

(6 hrs)

- 1. The need for safety and health standards
- 2. Basic safety and health terms used in the workplace
- 3. History of occupational safety and health including the Occupational Safety and Health Act of 1970

C. SAFETY IN THE WORKPLACE: IDENTIFYING AND EVALUATING HAZARDS (7 hrs)

- 1. Acquiring and evaluating hazard information
- 2. Human factors and work environments
- 3 Accident investigation and analysis



- 6. Personal responsibility
- 7. Societal responsibility

- 7. Travel
- 8. Personal responsibility
- 9. Societal responsibility
- F. FUTURE OF SAFETY AND HEALTH REGULATIONS

(2 hrs)

- 1. Lessons learned
- 2. The future
- G. Final examination

(2 hrs)

IV. Evaluation Methods

The final grade for the course will be determined from assignments and examinations. For example:

20% Daily Safety Log Assignment

A daily log will be kept by students. This log will describe how safety interacts with the world around them on a recurring and relevant basis. Information for this log can be derived from a number of sources, such as television news reports

newspapers, magazines, internet resources, social media sites, journal articles, and books.

200/ Deculation Analysis and Anniisation Assimnment

Using a guided worksheet, students will determine the historical and scientific

reasons why a particular section of the OSHA regulations was passed and how its

The following grading scale will be used to assign letter grades for this course: $A = 90 - 100\%$ $B = 80 - 89\%$ $C = 70 - 79\%$ $D = 60 - 69\%$ $F = Below 60\%$ VI. Attendance Policy	
B = 80 - 89% C = 70 - 79% D = 60 - 69% F = Below 60%	
VI. Attendance Policy	
The undergraduate course attendance notice will be consistent with the university	
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undergraduate attendance policy included in the Undergraduate Catalog.	
VII. Required Textbooks, Supplemental Books and Readings	
There is no required textbook for this course,	

Fourth Edition. New York: McGraw-Hill, Inc.

BNA Books, 1973. *The Consumer Product Safety Act.* Washington, DC: BNA Books, 1973.

Brauer, RL, 1994. Safety and Health for Engineers. New York: Van Nostrand Reinhold.

Brown, DD, 1976. Systems Analysis and Design for Safety. Englewood Cliffs, NJ.

Colling, DA, 1990. *Industrial Safety Management & Technology*. Englewood Cliffs, NJ: Prentice-Hall, Inc.

Dickerson, FR, 1968. *Product Safety in Household Goods*. Bobbs-Merrill Co., New York, NY.

Grimaldi, J. &Simmons, R, 1989. Safety Management. Boston, MA: Irwin.

Hammer, W, 1989. Occupational Safety Management & Engineering. Englewood Cliffs, NJ: Prentice-Hall.

Laing, PM, Editor, 1991. *Supervisor's Safety Manual*, Seventh Edition. Chicago: National Safety Council.

Jr Day & Editor 1006 Introduction to Occupational Health and Sofative Chicago

SAFE 100 WORKPLACE SAFETY TODAY AND TOMORROW

II. Description of the Curriculum Change

Objectives for the course were revised.	
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- Course outline was revised.
- Assignments were changed.
- Course evaluation method was changed.
- Required text for class (the work of fiction) was changed.
- Bibliography was updated.

3 Justification of Proposed Revisions

Phisotives were changed to align with the new liberal studies requirements for expected

Sample Assignment for a Liberal Studies Course

Industry or Profession-Specific Hazard Analysis and Control Assignment

Length: 2000 – 2500 words

be.

Double-spaced

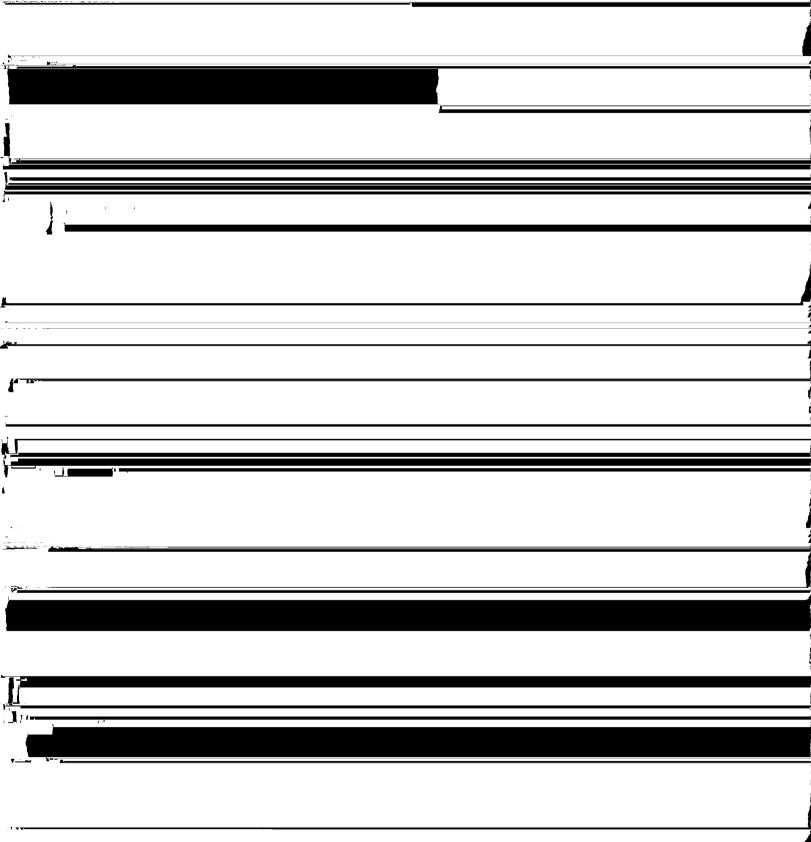
interest to you (e.g., potential future profession or industry that you would like to work in). In your essay, provide the following: 1. Your choice of industry or profession.	_ <u>}\\</u>	rite en apacis en the asfety herorde ead controle for a considir industry or profession of
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1. Your choice of industry or profession.	ln	your essay, provide the following:
The deconstant beautiful with the same shades industry as assistant with the same shades in district as a same faction.		Your choice of industry or profession.
		The desires and a descripted with various bases indicates an enofaction
		3. The documented controls associated with your chosen industry or profession.

5. An evaluation by you as to how safe you believe your chosen industry or profession to

Grading Criteria for Assignment

Criteria	Points Awarded					
Page Length	2 points		1 point		0 point	
	Essay falls within the 2000 – 2500 word limit		Essay consists of 1000 -1999 words		Essay is less than 1000 words	
Organization	4 points	3 points	2 points	1 point	0 point	
	Essay is well structured and organized in a logical manner as	Essay is generally well structured and	Essay is not generally well structured and	Essay is poorly structured and	Essay is very poorly structured; essay appears	

Safety Regulations	4 points	3 points	2 points	1 point	0 point
	The list of safety regulations are	The list of safety regulations are accurate and	The list of safety regulations are somewhat	The list of safety regulations are	The list of safety regulations are not



LIBERAL STUDIES COURSE APPROVAL GENERAL QUESTIONS

A.

	of instructors could teach this course. All instructors involved in teaching the course will meet every year to exchange syllabi, discuss possible revised content (in keeping with advances in the discipline), and review course objectives, guidelines and grading		
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This course will typically be taught single session, but over multiple terms. A number

B. This course specifically assesses the contributions and the role that diversity places in the workplace. This will be achieved in part by discussing videos that highlight woman or minority contribution to health, or safety, or the environment protection such *Silkwood*, (1983) directed by Mike Nichols (1993); *Norma Rae*, directed by Martin Pitt (1979) and *Erin Brockovich*, directed by Steven Soderbergh (2000). Diversity is also covered in discussing how regulations and requirements are set to protect a diverse workforce.

B.

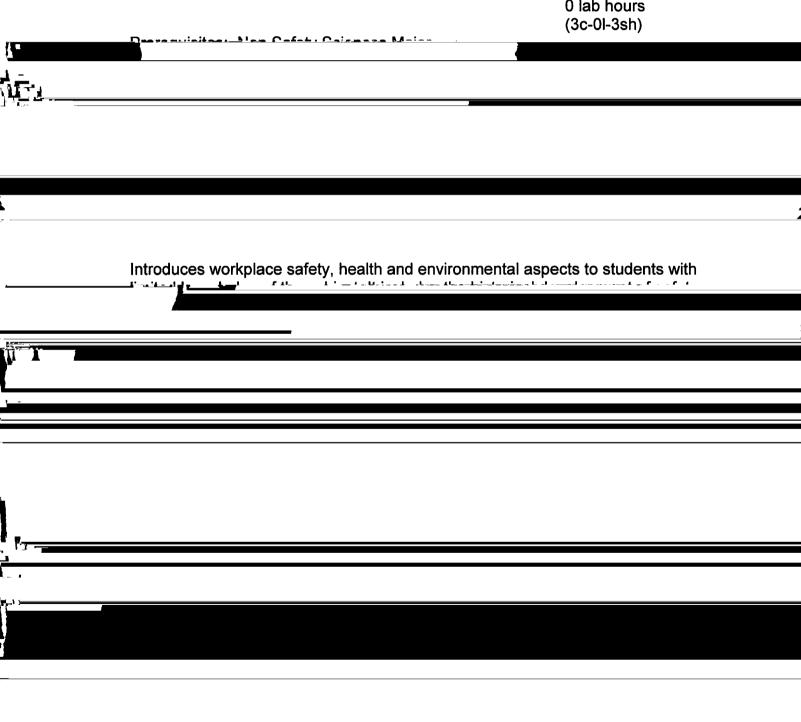
Part II 4 Old Syllabus of Record

Syllabus of Record

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SAFE 100 Workplace Safety Today and Tomorrow

3 credits
3 lecture hours
0 lab hours
(3c-0l-3sh)



- 2. Areas of responsibility in safety and health
- 3. Employees' behavior and safety
- 4. Training of employees
- 5. Personal protective equipment
- 6. Emergency planning

IDENTIFYING and EVALUATING HAZARDS IN THE WORKPLACE (9 hours)

- 1. Acquiring and evaluating hazard information
- 2. Human factors and work environments

- 4. Reporting, record-keeping and costs
- 5. Health stressors
- D. HAZARD CONTROLS IN SELECTED INDUSTRIES (9 hours)

2. Chemical processing

4. Technology manufacturing

- E. FUTURE OF SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS (6 hours)
 - 1. Lessons learned
 - 2 The future

	V.	Required textbooks, supplemental books and readings
		Textbook No textbook is required for this course. The instructor will provide handouts and references.
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		book approved by the instructor. A book can be approved by the instructor if it
		alloyes the student to find ideas for developing or thetastial arguments or thomas
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VI.	Special	resource	requirements

Tack student will be expected to purchase a book (from approved list) consert of

the reading requirements.

VII. Bibliography

Anton, Thomas John. <u>Occupational Safety & Health Management</u>. Second Edition. New York: McGraw-Hill, Inc., 1992.

Ashfahl, C. Ray. <u>Industrial Safety & Health Management</u>. Second Edition.

Avers_et_al Environmental Science and Technology Handbook, Rockville_MD:

Government Institutes, Inc. 1994.

Balchin, Nigel C. and Castner, Harvey R. Health and Safety in Welding and

1973.

Dickerson, F. Reed. <u>Product Safety in Household Goods</u>. Bobbs-Merrill Co., New York, NY (1968).

Grimaldi, J. and Simmons, R. Safety Management. Boston, MA: Irwin, 1989.

Hammer, Willie. <u>Occupational Safety Management & Engineering</u>. Englewood Cliffs, NJ: Prentice-Hall, 1989.

La Dou, Joseph, Editor. <u>Introduction to Occupational Health and Safety</u>. Chicago: National Safety Council, 1986.

Lowrance, William, Of Acceptable Risk, Los Altos, CA: William Kaufmann Inc.

1976.

Society of Manufacturing Engineers. <u>Tool and Manufacturing Engineer's Handbook</u>, Vol. 5. Dearborn, MI: SME, 1988.

Yankee HJM Manufacturing Processes Englewood Cliffs NJ: Prentice Hall

ANSWERS TO PART IV

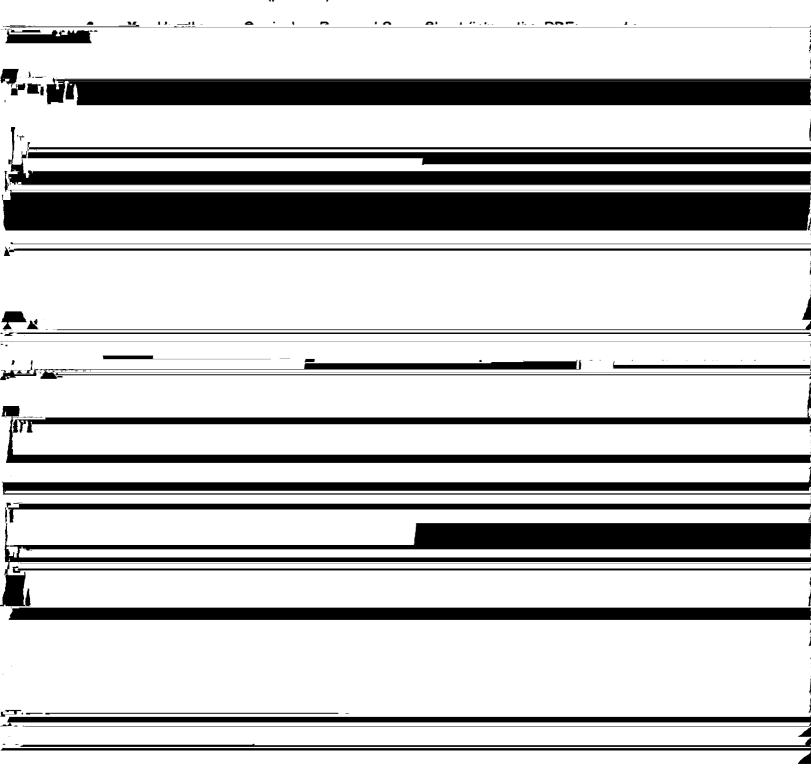
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		guidelines, assignment of responsibility to a coordinating committee, exchange and
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One of the objectives of this course is assessing the contributions and role of

B.

Checklist for Liberal Studies Electives Course Proposals

- 1. X Review the <u>Criteria for a Liberal Studies Elective</u> note how the competencies are to be handled.
- 2. X Follow the 2012 Undergraduate Curriculum Handbook for new (p. 20-27) or revised courses (p. 15-19).



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