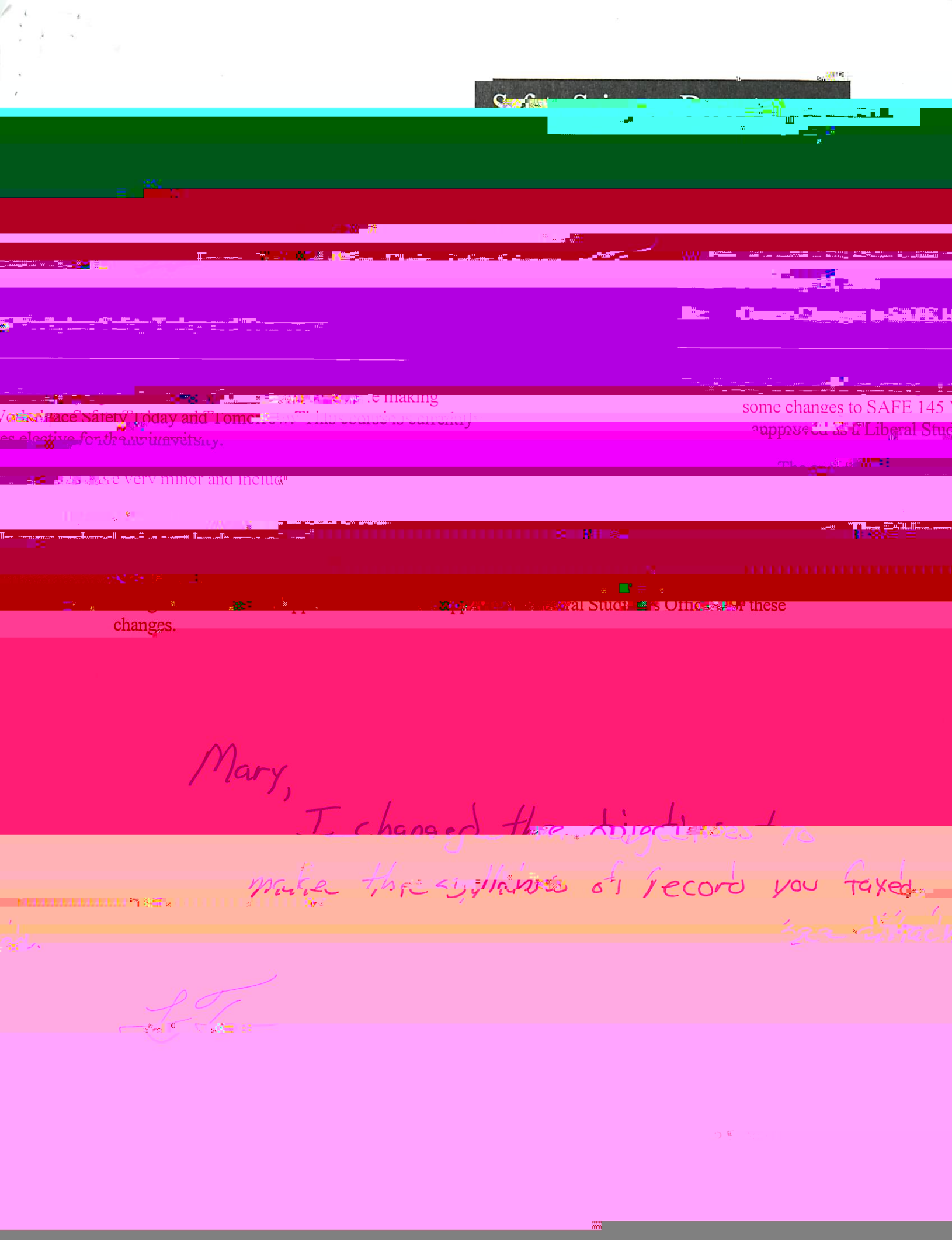
LSC Use Only No:	LSC Action-Date:	UWUCC USE Only No.	UWUCC Action-Date:	Senate Action Date:
		05-50	Appr 3/21/06	Appr 5/2/06

Curriculum Proposal Cover Sheet - University-Wide Undergraduate Curriculum Committee

Contact Person	Email Address
Dr. Lon Ferguson	Ferguson@iup.edu
Proposing Department/Unit	**Phone**
Safety Sciences	7-3019

Check all appropriate lines and complete all information.


some changes to SAFE 145
changes.
Mary,
I changed the dates to
make the syllabus of record you faxed.
LT

Course Revision: SAFE 100 Workplace Safety Today and Tomorrow

Part II. Description of the Curriculum Change

1. Syllabus of Record.

   The new syllabus of record for this revised course is attached in Appendix A.

2. A summary of the proposed revisions:

   a. The course number has been changed from SAFE 145 to SAFE 100.

   b. The Bibliography was updated and a text book was added.

3. Justification/rationale for the revision.

   The change in course number was made to better reflect the level of content coverage in this course as compared to SAFE 101 Introduction to Occupational Safety & Health.

   SAFE 145 was designed to be a liberal studies elective course and we hoped students would also consider it as a free elective. SAFE 101 was designed primarily as the introductory course to safety and health for Safety Science majors and minors. However, SAFE 101 is also a recommended elective for Environmental Health majors and for some business majors.

   Despite our best efforts to reflect this in the course descriptions [illegible]

Part III. Letters of Support or Acknowledgement

This course is a required Liberal Studies Elective for the Associate in Applied Science in Electro-

APPENDIX A: NEW SYLLABUS OF RECORD

I. Catalog Description

[redacted]

0 lab hours
3 credits
(3c-0l-3cr)

Prerequisites: Non Safety Sciences Major

[redacted]

B. LOSS MANAGEMENT OF WORKPLACE (9 hours)

1. Loss management functions

[redacted]

3. Employees' behavior and safety
4. Training of employees
5. Personal protective equipment
6. Emergency planning

C. IDENTIFYING and EVALUATING HAZARDS IN THE WORKPLACE (9 hours)

[redacted]

Research Paper. Each student will review two books selected from a list presented by the instructor. The student will prepare a summary of the substantial arguments or themes of each book and confront the ethical issues of safety, health and environment of the workplace in the future.

Class Participation: This includes but is not limited to individual participation in whole class and small group discussions and other brief class presentations.

V. Example Grading Scale

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

Hansen, M. Out of The Box--Skills for Developing Your Own Career Path . Des Plains, IL: American Society of Safety Engineers, 2002.

Hart. J. & McKiel. M. ISO 14000: Questions and Answers. National Safety Council. Itasca, IL. 6th

National Safety Council. 7 Elements of a Successful Environmental Program. National Safety Council, Itasca, IL, 2002.

Historic References

Appendix B: Old Syllabus of Record

Syllabus of Record

I. Catalog Description

SAFE 145 Workplace Safety Today and Tomorrow

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

Prerequisites: Non Safety Sciences Major

Introduces workplace safety, health and environmental aspects to students with limited knowledge of the subject. It includes the historical development of safety and health regulations, the impact of injury on

society, identifying and evaluating hazards and hazard controls in specific industrial processes, basic principles of loss management, and the future of safety, health and environmental regulations.

II. Course Objectives

Upon completion of this course, the student will be able to:

1. Assess the historical significance of occupational safety, health and environmental regulations and their impact on the workplace.
2. Describe basic terms used in describing workplace health and safety.
3. Interpret the general requirements of Federal regulations for providing a safe workplace and protecting the environment.
4. Compare safety and health management styles.
5. Demonstrate an understanding of the personal responsibilities for safety and health to fellow employees, the environment and the community.

B. LOSS MANAGEMENT OF WORKPLACE (9 hours)

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

C. IDENTIFYING and EVALUATING HAZARDS IN THE WORKPLACE (9 hours)

1. Acquiring and evaluating hazard information
2. Human factors and work environments
3. Accident investigation and analysis
4. Reporting, record-keeping and costs

D. HAZARD CONTROLS IN SELECTED INDUSTRIES (9 hours)

1. Electrical and electronic
2. Chemical processing
3. Metal product fabrication and finishing
4. Technology manufacturing

E. FUTURE OF SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS (6 hours)

1. Lessons learned
2. The future

F. FINAL EXAMINATION (2 hours)

IV. Evaluation Methods

The final grade for the course will be determined from tests, quizzes, homework assignments and projects.

50% Tests and or quizzes. Three tests (two during the semester and the final) consisting of

V. Required textbooks, supplemental books and readings

Textbook

No textbook is required for this course. The instructor will provide handouts and references.

Readings

Students are required to select a book for reading from the following list, or a book approved by the

VII. Bibliography

Anton, Thomas John. Occupational Safety & Health Management. Second Edition. New York: McGraw-

Ashfahl, C. Ray. Industrial Safety & Health Management. Second Edition. Englewood Cliffs, NJ: Prentice-Hall, Inc., 1990.

Ayers, 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 Allied Processes. Fourth Edition. New York: McGraw-Hill, Inc., 1993.

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

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

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

Levitt, Raymond and Samelson, Nancy. Construction Safety Management. Second Edition. New York:

Appendix C: Catalog Description

SAFE 100 Workplace Safety Today and Tomorrow **(3c-0l-3cr)**

Prerequisites: Non Safety Sciences Major

Introduces workplace safety, health and environmental aspects to students with limited [redacted]

[redacted]

subject. It includes the historical development of safety and health regulations, the impact of [redacted]

Lon Ferguson

From: "Jolene Campbell" <jolenec@iup.edu>
To: "Lon Ferguson" <ferguson@iup.edu>
Sent: Wednesday, February 08, 2006 10:46 AM
Subject: Fw: Course Clearance

----- Original Message -----
From: Marcy Rearick
[redacted]

Subject: Re: Course Clearance

SAFE 100 is an available number. The CIP Code for SAFE is 150701

[redacted]

----- Original Message -----
From: Jolene Campbell
To: Marcy Rearick
Sent: Wednesday, February 08, 2006 10:20 AM
Subject: Course Clearance

Marcy,
Please let us know if SAFE 100 has ever been used for a course. If not please email us with the go ahead to use it.

Thanks in advance for your help!

[redacted]

[redacted]