

**PROGRAM REVISION FOR THE BACHELOR OF SCIENCE
DEGREE IN SAFETY SCIENCES**

Fall 2003

Part II. Description of Curriculum Change

1. Catalog Description

There will be two minor changes to the catalog description for the program and we have added a

PHYS 121	Physics I Lab	1 cr
PHYS 122	Physics II Lab	1 cr

Professional Courses:

BTST 321 Business & Interpersonal Communications	3 cr
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<i>PROFESSIONAL COURSES</i>	<i>PROFESSIONAL COURSES</i>
MG 311 Human Behavior in Organizations - 3 cr.	MGMT 311 Human Behavior in Organizations - 3 cr.
AD 321 Business & Interpersonal Commun. - 3cr.	BTST 321 Business & Interpersonal Commun. - 3cr.
AD 231 Speech Communication for Prof. 1cr	REMOVED
Three professional courses approved by advisor - 9	Three courses approved by advisor that form a

B. Add a laboratory to SAFE 311 Industrial Fire Protection.

Rationale: In 2000, the department received outside financial support and equipment donations that allowed us to finish the fire laboratory in room 110 of Johnson Hall. The fire

laboratory now has the capability to demonstrate a variety of fire suppression systems

Part III Implementation

1. How will the proposed revision affect students already in the existing program?

Removal of BTST 231 and COSC/IFMG/BEDU 101 starting with the Fall 2003 semester. Students already in the existing program who have not already taken these two courses will

Part IV. Periodic Assessment

1. Describe the evaluation plan.

Periodic assessment of the program will include both an internal and external evaluation. The internal evaluation is conducted annually by the department faculty. This evaluation includes a review of the following six program outcomes:

- I. Demonstrated their ability to anticipate and design hazard prevention/control designs.
- II. Acquired those basic research skills necessary to analyze and interpret data.
- III. Developed an understanding of the professional and ethical responsibilities within the Safety, Health and Environmental Profession.
- IV. Developed an ability to communicate effectively and work in multidisciplinary teams.
- V. Acquired an ability to apply mathematics and sciences as it relates to the Safety, Health and Environmental Profession.
- VI. Developed an ability to analyze and improve the management system with the goal of preventing the occurrence of hazardous acts and conditions that lead to loss incidents.

This internal evaluation also includes a review of course outcomes, recommendations from our graduates, our students, and our Advisory Committee. The

3. Identify the evaluating entity.

Internal Evaluation: Department Faculty and students.

External Evaluations: Safety Science Advisory Committee and the Accreditation Board for Engineering and Technology (ABET)

Part V. Course Proposals

The proposals for course revisions to SAFE 211, 311, 345, 347 and 412 are attached. As mentioned earlier most of these revisions involve minor course changes, the one exception is SAFE 211 which is a major course revision including the addition of a

laboratory.

Leon Ferguson

From: "lfezal" <lfezal@bellsouth.net>

To: <BBB@bellsouth.net>

Subject: [REDACTED]

base consider this em? Formal approval from the base

base consider this em? Formal approval from the base

Dr. Wayne A. ...

Original Message

From: [REDACTED]
To: [REDACTED]
Subject: [REDACTED]

[REDACTED]

BTST 231 was added to the SA curriculum in 1999 because at that time our accreditation organization (Related Accreditation Commission of the Accreditation Board for Engineering and Technology) required a course in Speech Communications. BTST 231 Speech Communications was specifically created by the BTST Department for our students with the hopes that

Lon Ferguson

From: "Lon H Ferguson" <ferguson@iup.edu>

To: <tszul@iup.edu>

Cc: <ferguson@iup.edu>

Fwd: Microbased Computer Literacy Course

Dr. Szul:

Just wanted to inform you that the Safety Science Department is

Lon Ferguson

PHIL 101

PHIL 101

PHIL 101 Introduction to Philosophy

Professional electives are courses that a student and adviser agree will

PHIL 102 Introduction to Philosophy

PHIL 103 Introduction to Philosophy

PHIL 104 Introduction to Philosophy

PHIL 105 Introduction to Philosophy

PHIL 106 Introduction to Philosophy

PHIL 107 Introduction to Philosophy

PHIL 108 Introduction to Philosophy

PHIL 109 Introduction to Philosophy

PHIL 110 Introduction to Philosophy

PHIL 111 Introduction to Philosophy

PHIL 112 Introduction to Philosophy

PHIL 113 Introduction to Philosophy

PHIL 114 Introduction to Philosophy

PHIL 115 Introduction to Philosophy

PHIL 116 Introduction to Philosophy