

# Industrial Safety Management Minor

## Safety Awareness

### Goal Description:

- Enhance industrial safety awareness culture and supervision

**Providing Department:** Industrial Safety Management Minor

RELATED ITEMS/ELEMENTS -----

RELATED ITEM LEVEL 1

**Control hazardous conditions**

**Learning Objective Description:**

- Anticipate, recognize, evaluate, and control hazardous conditions that affect workers, properties, and/or work environments.

RELATED ITEM LEVEL 2

**Industrial hazards and associated safety standards**

**Indicator Description:**

In the industrial safety minor curriculum, federal/state safety standards, regulations, and codes are the core foundation reference for skill development. Students explore various safety standards, regulations, and codes, and examine their applications in industrial settings.

**Criterion Description:**

The curriculum is designed to develop students knowledge of safety in industrial settings and their comprehension in recognize various industrial hazards and associated safety standards. Students are expected to develop the applicable prevention plans and methods to enhance workplace safety and reduce injuries.

**Findings Description:**

Based on feedback from the Industrial Advisory Board (IAB) of the Industrial Safety Management minor during the Fall 2021 and Spring 2002, the curriculum plan has been updated with revisions to meet with the market needs. The revisions are completed for the 2022-2023 Catalog.

RELATED ITEM LEVEL 3

**Industrial hazards and associated safety standards**

**Action Description:**

Continue the practice to consult with IAB members for feedback about the program and curriculum.

RELATED ITEM LEVEL 1

**Recognize various safety standards**

**Learning Objective Description:**

- Examine and recognize various safety standards, regulations, and codes in industrial settings.

RELATED ITEM LEVEL 2

**Industrial hazards and associated safety standards**

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RELATED ITEM LEVEL 3

**Industrial hazards and associated safety standards**

**Action Description:**

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RELATED ITEM LEVEL 1

**Resolve issues of ethics**

**Learning Objective Description:**

- Utilize applicable techniques of engineering technology to resolve issues of ethics and social responsibility.

RELATED ITEM LEVEL 2

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RELATED ITEM LEVEL 3

Industrial hazards and associated safety standards

Action Description:

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RELATED ITEM LEVEL 1

Performance Objective

Performance Objective Description:

- At least 70 % of candidates will achieve a score of “Indicator Met” on Safety Management.

RELATED ITEM LEVEL 2

KPI

KPI Description:

- Enhancement of knowledge about occupational safety and health, as well as their place in different workplaces.
- Utilization of educational tools proposed and implemented in the curriculum.

Results Description:

- Various federal, state, and local safety standards, regulations, and codes, such as OSHA 1910 general safety regulations, OSHA 1926 construction safety standards and facilities safety codes were covered in related courses.
- Students were given the opportunities to examine safety standards, regulations, and codes and then apply in industrial setting by completing term projects. An average grade of B is expected.

RELATED ITEM LEVEL 3

KPI

Action Description:

- Continue to revise the curriculum based on feedback from IAB members, new safety standards, regulations, codes, and market needs
- Explore and incorporate latest tools and materials for training and education

Skills in industrial safety

Goal Description:

- Develop professional skills in industrial safety

Providing Department: Industrial Safety Management Minor

RELATED ITEMS/ELEMENTS -----

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**Update to Previous Cycle's Plan for Continuous Improvement Item**

**Previous Cycle's Plan For Continuous Improvement (Do Not Modify):**

**Closing Summary**

\* A request to change the title “Industrial Safety Management” to a new title “Safety Management”. The title change is still pending and has NOT been completed yet for the 2021-2022 Catalog.

\* There was minor title changes/description request on the following course “ETSM 3371 Safety Risk Assessment & Mgmt” (that was supposed to be System Safety & Risk Assessment) was not reflected to the new catalog and this will be fixed in the next curriculum cycle

**Update of Progress to the Previous Cycle's PCI:**

- The title of ETSM3371 has been changed to ‘System Safety & Risk Assessment’ with an updated course description.
- The minor title change is still in the process

**New Plan for Continuous Improvement Item**

**Closing Summary:**

- Continue the effort to change the current minor title ‘**Industrial Safety Management**’ to ‘**Safety Management**’.
- Continue the practice to review and update the curriculum, including creating new and revising existing courses as needed.