



Murdough Center for Engineering Professionalism

Information Regarding Continuing Professional Competency Courses in Professional Ethics

- ◆ Links to the movies are provided on the course website
- ◆ A score of 70% is required to receive a given certificate

Course Contents and Costs

PDH 1, 3

A study of Artificial Intelligence (AI) and Generated Artificial Intelligence (GAI) related to professional practice.

Components

- Multiple-choice assessment based on various articles and information regarding ethical issues and current examples of ethical applications of AI/GAI to professional practice.
 - Completion of this component awards one (1) Professional Development Hour.
- Written paper that addresses an issue or problem with using AI/GAI in professional practice.
 - Completion of the case study and assessment awards three (3) Professional Development Hours.

Cost

- ◆ Assessment only: **\$75**
- ◆ Assessment and Case Study: **\$175**

PDH-2

A study of professional codes of ethics and issues in the movie *Gilbane Gold*

Components

- Complete the Code of Ethics assessment
- Watch *Gilbane Gold*
Develop *Gilbane Gold* Memorandum
Assume you have been hired as a professional engineering consultant by the City of Gilbane. Develop a memorandum providing an analysis and recommendation on courses of action the City Council can take regarding the issues in the video.

Cost

- ◆ **\$125**

PDH-3

A study of professional codes of ethics and issues in the movies *Gilbane Gold* and *Incident at Morales*

Components

- Complete the Code of Ethics assessment
- Watch *Gilbane Gold*
Develop the *Gilbane Gold* Memorandum
- Watch *Incident at Morales*
Complete the *Incident at Morales* assessment

Cost

- ◆ **\$175**

PDH-5

A study of professional codes of ethics and issues in the movies *Gilbane Gold*, *Incident at Morales* and *Henry's Daughters*

Components

- Complete the Code of Ethics assessment
- Watch *Gilbane Gold*
Develop the *Gilbane Gold* Memorandum
- Watch *Incident at Morales*
Complete the *Incident at Morales* assessment
Write a short essay discussing the ethical issues in the story.
- Watch *Henry's Daughters*
Complete the *Henry's Daughters* assessment

Cost

◆ **\$250**

PDH-7

A study of professional codes of ethics and issues in the movies *Gilbane Gold*, *Incident at Morales* and *Henry's Daughters*

Components

- Complete the Code of Ethics assessment
- Watch *Gilbane Gold*
Develop the *Gilbane Gold* Memorandum
- Watch *Incident at Morales*
Complete the *Incident at Morales* assessment
Write a short essay discussing the ethical issues in the story.
Develop a short essay discussing the issues from perspective of 2 characters and company authority
- Watch *Henry's Daughters*
Complete the *Henry's Daughters* assessment

Cost

◆ **\$350**

PDH-10

A study of professional codes of ethics and issues in the movies *Gilbane Gold*, *Incident at Morales*, *Henry's Daughters* and *Ethicana*

Components

- Complete the Code of Ethics assessment
- Watch *Gilbane Gold*
Develop *Gilbane Gold* Memorandum
- Watch *Incident at Morales*
Complete the *Incident at Morales* assessment
Write a short essay discussing the ethical issues in the story.
Develop a short essay discussing the issues from perspective of 2 characters and company authority
- Watch *Henry's Daughters*
Complete the *Henry's Daughters* assessment
- Watch *Ethicana*
Complete the *Ethicana* assessment

Cost

◆ **500**

Goals and Objectives

The goal is to promote understanding, communication, insight, and problem-solving abilities related to ethics in the engineering profession.

Overall objectives are to develop the ability to:

1. Differentiate between personal ethics, legally required ethics and ethics based on the engineer's responsibility to protect the health, safety, and welfare of the public
 2. Formulate solutions to ethical problems by
 - a. recognizing the consequences of actions taken
 - b. analyzing what is expected
 - c. knowing what's right and doing what's right
 - d. comprehending, comparing, evaluating, and acting on these solutions
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Evaluation and Completion

Evaluation will be based on depth of thought, clarity, and completeness.

Upon successfully completing the course, the participant will receive a Certificate of Completion verifying the professional development hours earned.

Instructors

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