Homework: before class session

1. For your selected professional topic\(^1\) (selected in class), find knowledge, learn this knowledge, and prepare to teach your peers.

Topics from class
   a) Material Safety Data Sheet
   b) Patents and Intellectual Property
   c) Codes and Standards
   d) Technical Societies—ASME, IEEE, ASHRAE, SAE, etc

We want each student to do what works best for them. However, we recommend filling out a Professional Topics Worksheet (see end of this document) & bringing three copies of this worksheet so that your team members can add this to their log books.

Note--later we will ask you to turn in your documentation on this problem--thus, do your work in a way that allows you to easily submit your documentation.

2. Find a copy of the ASME or IEEE code of ethics. Print this out & add it to your project logbook. Bring three blank copies of the Professional Topics Worksheet to Class.

3. Read the learning objectives for this module.

Learning Objectives

- **Engineering Ethics.** For typical situations that arise in entry level jobs or capstone, learners can ID ethical issues, make decisions, & support these decisions with reasons.

- **Professional Topics.** Regarding professional topics\(^1\), students can find cogent knowledge, learn this knowledge & teach their peers.

Resources

- Code of ethics for IEEE & ASME (find on web)
- Web--Incredible knowledge resources for Professional Topics
- Professional Topic Worksheet (a guide--see next page)

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\(^1\) Professional topics include codes & standards, safety engineering, MSDS, sustainability (triple-bottom line), IP = intellectual property, professional registration, etc.
What. [Explain what the topic is about]

Why. [List the two most important reasons why this topic is relevant to Capstone and professional practice.]
1.
2.

Key References [List the three best sources of information--give complete citations]
1.
2.
3.

Key Facts [List the 5 to 10 most essential facts that engineers in Capstone Design & in practice need to know]
1.
2.
3.
4.
5.
6.
7.
8.
9.