

Lesson 1 Professionalism

September 22, 2019 9:31 PM

Obligation

- engineers and geoscientists code
 - o "hold paramount the safety, health and welfare of the public, the protection of the environment and promote health and safety within the workplace"

Engineers & Society

EGBC Sustainability

- 5 EGBC sustainability Guidelines
 - o Maintain current knowledge of sustainability
 - o integrate sustainability into professional practice
 - o collaborate with peers and experts from conception to completion
 - o develop and prepare clear justification to implement sustainable solutions
 - o Assess sustainability performance and identify opportunity for improvement

Notes

- Need to identify 5 sustainability guidelines of EGBC

Lesson 2 Argumentation

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Introduction

- argumentation occurs in some sort of social environment in which arguments are presented
- form of communication that aids in the consideration of issues and may lead to at least the tentative, perhaps temporary resolution of an issue

Four Components

- argument 4 componenets
 - o claims
 - o reasons
 - o evidence
 - o warrants

Media critique

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Notes

- need to learn and apply basic structure of argumentation

Lesson 3 Self-Regulated Learning

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Introduction

- important because sustainability is a relatively new component
- become own teacher
- It means that you possess the skill to determine what you need to learn and then you know how to gain the knowledge you think you need
- skills:
 - set your learning goals,
 - select strategies to attain your goals,
 - reflect on your progress toward achieving your goals
 - revise your goals or your strategies if necessary
 - self-evaluate the methods you have chosen to achieve your learning
 - adapt future methods based on what you learn this time (this recognizes that learning is cyclical)

SRL Assignment

Lesson 4 Metacognition

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Metacognition

- the ability to think about the way you learn
- continuous self-improvement.

Fishbone diagram

