A. Description:
This course intends to promote careful understanding of the tools, means & methods used, equipment and materials necessary to plan, execute and deliver a successful construction project.

B. Objective:
Introduce students to:
- Materials in construction
- Equipment
- Field conditions
- Planning/Scheduling

Develop students' academic knowledge, understanding and technical approaches to use in construction.

C. Topics:
1. Equipment
2. Tools (Specs, Standards, Software, etc.)
3. Materials (Concrete, Asphalt, Limerock, etc.)
4. Scheduling
5. Bridges
6. Roadways

D. Grading:
1. Quizzes 25%
2. Exams 50%
3. Project 25%