

MASTERING UNDERGROUND SPACE DEVELOPMENT

Prepare to Lead in the Future of Underground Construction

Course Title: Development of Underground Space (DUS) (3 credit hours)
Fall 2025

Target Audience:

Designed for undergraduate juniors, seniors, and graduate students interested in critical system management thinking and addressing challenges in the American infrastructure industry.



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Course Description

- Explore the essential role of underground space in the modern environment.
- Learn about project initiation, planning, geological investigation, and risk assessment.
- Understand construction methods, engineering economics, and management of underground projects.
- Apply knowledge to real-world projects with guidance from industry experts.

Why This Course?

- Partnership with industry experts.
- Focus on modern technologies and sustainable development.
- Hands-on experience with real-world projects.
- Preparation for leadership roles in underground construction.

What You'll Do:

- Readings 📖
- Homework Assignments 📝
- Exams 🧠
- Presentations 🗣️
- Course Project 🏗️ (Real-world application with SME mentors)
- Interaction with Industry Experts in Various Settings

ENROLL TODAY AND START YOUR JOURNEY TOWARDS BECOMING A LEADER IN UNDERGROUND CONSTRUCTION!

