

WSI 433 - MARINE PROJECT MANAGEMENT

Course Description

This class covers the practice of project management, specific to the underwater marine environment (ROV/AUV/Sonar Technologies). The course will emphasize the core principles of project management, including scope development, schedules, resource planning, budgets, risk management strategies and communication methods. The curriculum aligns with the Project Management Institute "Body of Knowledge" and students can earn a Certified Associate in Project Management (CAPM) certification. Group 2 course.

Credit Hours

3

Contact Hours

3

Lecture Hours

3

Required Prerequisites

WSI 300, WSI 310, WSI 440

Recommended Prerequisites or Skills

Competencies

WSI 315, WSI 440

General Education Outcomes supported by this course

Communications - Direct, Critical Thinking - Direct

Course Learning Outcomes

Knowledge:

- Demonstrate the fundamental concepts of project management as defined by the Project Management Institute's (PMI) criteria for a (CAPM) Certified Associate in Project Management.

Application:

- Identify the key elements defining a project.

Integration:

- Demonstrate the relationship between project scope, budget and schedule.

Human Dimension:

- Demonstrate the ability to collaborate as an effective team member.

Caring - Civic Learning:

- Identify the risks associated with a project.

Learning How to Learn:

- Apply project management skills in a real-world situation.