

FALL
2025

DATA SCIENCES + OPERATIONS

DSO 455

Project Management

Section: 16206R

Tuesday, Thursday 6:00pm-7:50pm

Instructor: Prof. Richard Selby

 rselby@marshall.usc.edu

Units: 4.0

Office: TBD

WHY TAKE THIS COURSE?



Students who plan to have a career in management, marketing, communications, engineering, or consulting with an emphasis on using project management to identify, plan, execute, and deliver business products and outcomes successfully and enhance overall business performance

COURSE OBJECTIVES

To provide students with concepts, techniques, and hands-on skills for effective use of project management to identify, plan, execute, and deliver business products and outcomes successfully and enhance overall business performance



KEY CONCEPTS

- What is project management
- Project management benefits
- Project management strategies
- Project management techniques
- Business outcomes
- Cost, schedule, quality
- Data-driven decision making
- Limitations and risks



COURSE DESCRIPTION

Managers need to have effective project management knowledge, skills, and expertise in order to create business value and thrive as successful business leaders. Project management provides many techniques to identify, plan, execute, and deliver business products and outcomes successfully and enhance overall business performance. Project management focuses on business outcomes and incorporates cost, schedule, and quality perspectives as well as approaches to accelerate, tradeoff, and parallelize activities. Understanding the current and future uses of project management is essential and empowering for any student. This course summarizes the foundational knowledge and hands-on skills that any student needs to know about effective use of project management to lead and manage businesses successfully. Students apply the project management skills they learn in class in hands-on projects using datasets from many different business areas. This course does not assume prior knowledge of project management topics, and there are no prerequisites. This four-unit course is open to all USC students from all schools and all majors.



[SCHEDULE OF CLASSES](#)