

CONSTRUCTION MANAGEMENT (CMGT)

CMGT-300 Construction Management I (4 Credits)

Introductory course exploring Construction Management as a major or career. Focus on understanding the construction managers role and fundamentals of construction management responsibilities and processes from concept through completion. Topics include surveying, reading construction documents, cost estimating, project scheduling and OSHA standards as fundamental aspects of effective construction project management.

Prerequisite(s): ARCH-270 or SAFE-205, CMGT or CSS majors/minors only, or permission of instructor

Offered: Fall, Every Year

CMGT-330 Prevention Through Design (4 Credits)

Prevention/control of occupational injuries, illnesses, and fatalities by designing out or minimizing hazards and risks through elimination or other methods as early as possible in the life cycle of buildings, work-related items/purchases or workplaces. Captures the foundational concepts in green building and LEED.

Prerequisite(s): ARCH-270 or SAFE-205

Offered: Fall, Even Years

CMGT-400 Construction Management II (4 Credits)

This course builds on the principles and practices of construction management covered in Construction Management I. Topics include sustainable construction practices, financial accounting, cost analysis and cost control for construction projects; construction law and legal issues; and professional ethics of construction managers.

Prerequisite(s): CMGT-300, CSS or CMGT majors/Minors only, or permission of instructor

Offered: Spring, Every Year

CMGT-497 Construction MGT Internship (4 Credits)

This internship places students alongside established and most effective Construction Managers, during a construction project. Students will attend job site meetings and accompany construction managers throughout daily activities observing and discussing how the construction manager conducts their role. Students will experience daily challenges of meeting schedule requirements, while assuring construction quality and safety are maintained. Graded Pass/Fail.

Prerequisite(s): Safety majors only and permission of the instructor

Offered: Summer, Every Year