



Construction Management

Earn up to \$133,000 per year

Certificate of Achievement

This certificate is designed to prepare individuals to manage, coordinate, and supervise the construction process from concept development through project completion. The curriculum focuses on providing a broad base of knowledge and skills for employment in the construction industry. Students completing the Construction Management Certificate will find a variety of career choices; including cost estimator, construction manager, site supervisor, planner and scheduler, and project manager.

Program Requirements

CMGT 101 Concepts of Construction Management

3 units

Introduction to the fundamental concepts and an overview of the elements associated with construction management operations.

CMGT 102 Construction Graphics

3 units

This course develops the graphic communication knowledge and skills needed by the construction management professional. **ADVISORY:** Fundamental knowledge of MS Operating System, Microsoft Office, and Adobe Acrobat software.

CMGT 103 Construction Materials and Systems

3 units

This course explores the various materials, systems, and processes found in the construction industry and how these materials and systems interact together to produce a complete design.

CMGT 104 Analysis of Construction Drawings and Specifications

3 units

This course is designed to provide the student with an introduction to reading construction drawings and specifications used in the construction industry. **PREREQUISITES:** CMGT 101, CMGT 102, CMGT 103.

CMGT 105 Electrical, Mechanical and Plumbing Systems

3 units

This course provides the student with an introduction to the electrical, mechanical and plumbing systems used in the construction industry. How these systems integrate into the building design and construction process will also be covered.

Total 15 units

For more information on the program and classes, email Jessica Weiler at jweiler@gavilan.edu or email CareerEd@gavilan.edu.