GAVILAN COLLEGE

5055 Santa Teresa Blvd
Gilroy, CA 95023

Course Outline

COURSE: CMGT 700   DIVISION: 90   ALSO LISTED AS:

TERM EFFECTIVE: Fall 2020   CURRICULUM APPROVAL DATE: 03/09/2020

SHORT TITLE: INTRO CMGT

LONG TITLE: Introduction to Construction Management

Units	Number of Weeks	Type	Contact Hours/Week	Total Contact Hours
0	18	Lecture:	3	54
		Lab:	0	0
		Other:	0	0
		Total:	3	54

Out of Class Hrs: 108.00
Total Learning Hrs: 162.00

COURSE DESCRIPTION:

An introduction to the management of the construction industry by project managers. This construction management class is an abbreviated version of the credit construction management course and is not eligible for credit.

PREREQUISITES:

COREQUISITES:

CREDIT STATUS: N - Non Credit

GRADING MODES
        N - Non Credit

REPEATABILITY: N - Course may not be repeated

SCHEDULE TYPES:
        02 - Lecture and/or discussion

STUDENT LEARNING OUTCOMES:

By the end of this course, a student should:

1. Describe the fundamental skills required of a project manager working in the construction industry.

CONTENT, STUDENT PERFORMANCE OBJECTIVES, OUT-OF-CLASS ASSIGNMENTS

Curriculum Approval Date: 03/09/2020

3 Hours

Content: Introduction to the Construction Industry. What is Construction Management.

Student Performance Objectives: State the various sectors available in the construction industry. Identify the terms used in the industry. Define construction management.

3 Hours

Content: Project Stages.

Student Performance Objectives: List and describe the different stages of the design and construction process. Explain how one would measure project success. Utilize the terms.

3 Hours

Content: Estimating Project Costs.

Student Performance Objectives: Identify the characteristics of a good estimator. Recognize the factors impacting project cost. Discuss the estimating process.

3 Hours

Content: Contract Administration.

Student Performance Objectives: Explain how changes are made to the contract. Discuss how to maintain a reliable paper trail. State how the contractor gets paid.

3 Hours

Content: Construction Operations and Job Site Management.

Student Performance Objectives: Define the challenges associated with managing the construction site and state the factors to consider when organizing the job site.

3 Hours

Content: Project Planning and Scheduling. Monitoring Project Performance.

Student Performance Objectives: Explain how to plan job activities. Identify the factors that influence project performance.

3 Hours

Content: Managing Quality and Safety. Managing Project Risks.

Student Performance Objectives: Describe the elements of a quality management plan. Recognize the elements of a safety management plan. Explain the types of risks associated with a construction project and state the consequences associated with those risks.

3 Hours

Content: Building Information Modeling (BIM)

Student Performance Objectives: Define BIM. Discuss how one would use BIM to manage construction.

METHODS OF INSTRUCTION:

lecture, discussion, guest speakers

METHODS OF EVALUATION:
Objective examinations
Percent of total grade: 50.00 %
40% - 60% Chapter/Topic Quizzes

Other methods of evaluation
Percent of total grade: 50.00 %
40% - 60% Participation in class discussions.

REPRESENTATIVE TEXTBOOKS:
Barbara J. Jackson. Construction Management Jump Start, 3rd Edition. Indianapolis, Indiana: Wiley Publishing, Inc.,2020.
ISBN: 978-0-470-60999-6
Reading Level of Text, Grade: 12th Verified by: MS Word

ARTICULATION and CERTIFICATE INFORMATION
Associate Degree:
CSU GE:
IGETC:
CSU TRANSFER:
Not Transferable
UC TRANSFER:
Not Transferable

SUPPLEMENTAL DATA:
Basic Skills: N
Classification: L
Noncredit Category: J
Cooperative Education: N
Program Status: 1 Program Applicable
Special Class Status: N
CAN:
CAN Sequence:
CSU Crosswalk Course Department:
CSU Crosswalk Course Number:
Prior to College Level: Y
Non Credit Enhanced Funding: N
Funding Agency Code: Y
In-Service: N
Occupational Course: D
Maximum Hours:
Minimum Hours:
Course Control Number: CCC000615963
Sports/Physical Education Course: N
Taxonomy of Program: 095700