

BMG 66.4 Course Outline as of Fall 2011**CATALOG INFORMATION**

Dept and Nbr: BMG 66.4 Title: PROJECT MANAGEMENT

Full Title: Project Management

Last Reviewed: 2/13/2023

Units		Course Hours per Week		Nbr of Weeks	Course Hours Total	
Maximum	1.00	Lecture Scheduled	1.00	17.5	Lecture Scheduled	17.50
Minimum	1.00	Lab Scheduled	0	2	Lab Scheduled	0
		Contact DHR	0.80		Contact DHR	14.00
		Contact Total	1.80		Contact Total	31.50
		Non-contact DHR	0		Non-contact DHR	0

Total Out of Class Hours: 35.00

Total Student Learning Hours: 66.50

Title 5 Category: AA Degree Applicable

Grading: Grade or P/NP

Repeatability: 00 - Two Repeats if Grade was D, F, NC, or NP

Also Listed As:

Formerly: BMG 78.128

Catalog Description:

An introduction to the concept of project management and the tools a project manager needs to be effective. Topics include planning, scheduling, implementing, controlling, evaluating, and managing a project team.

Prerequisites/Corequisites:**Recommended Preparation:**

Eligibility for ENGL 100 or ESL 100

Limits on Enrollment:**Schedule of Classes Information:**

Description: An introduction to the concept of project management and the tools a project manager needs to be effective. Topics include planning, scheduling, implementing, controlling, evaluating, and managing a project team. (Grade or P/NP)

Prerequisites/Corequisites:

Recommended: Eligibility for ENGL 100 or ESL 100

Limits on Enrollment:

Transfer Credit: CSU;
Repeatability: Two Repeats if Grade was D, F, NC, or NP

ARTICULATION, MAJOR, and CERTIFICATION INFORMATION:

AS Degree:	Area	Effective:	Inactive:
CSU GE:	Transfer Area	Effective:	Inactive:
IGETC:	Transfer Area	Effective:	Inactive:
CSU Transfer:	Transferable	Effective: Fall 2001	Inactive:
UC Transfer:		Effective:	Inactive:

CID:

Certificate/Major Applicable:
Certificate Applicable Course

COURSE CONTENT

Outcomes and Objectives:

Upon completion of this course, students will be able to:

1. Read, analyze, and evaluate the components of a successful project plan
2. Design and develop tools to successfully manage projects
3. Organize project data inputs and write plans using the Work Breakdown Structure (WBS) method
4. Create and compare different project scheduling techniques such as Gantt charts and critical path mapping
5. Evaluate project control methods
6. Summarize methods to manage the project team

Topics and Scope:

- A. Overview following the methodology of the Project Management Institute
- B. Project initiation via stakeholder dialogue
 1. Scope of work
 2. Project deliverables
 3. Project resources
- C. Project planning
 1. Gathering project information
 2. Organizing information and process into a Work Breakdown Structure
 3. Monitoring critical path tasks
- D. Project execution
 1. Scheduling tasks and milestones
 - a. Gantt charts
 - b. Critical path mapping
 2. Tracking tasks and project milestones
- E. Project control and evaluation using earned value method
- F. Project leadership principles applied to managing the project team

Assignment:

- 1) In-class individual and group written exercises: problem statement identification of stakeholders, project options
- 2) Case study of successful projects: analysis of effective project management
- 3) Project cost research: estimated values
- 4) Project schedule: execution plan
- 5) Graphing: chart to measure project performance
- 6) Two exams
- 7) Group project presentation with written and spreadsheet component

Methods of Evaluation/Basis of Grade:

Writing: Assessment tools that demonstrate writing skills and/or require students to select, organize and explain ideas in writing.

Written exercises

Writing
20 - 30%

Problem Solving: Assessment tools, other than exams, that demonstrate competence in computational or non-computational problem solving skills.

Project planning and execution, case studies

Problem solving
20 - 30%

Skill Demonstrations: All skill-based and physical demonstrations used for assessment purposes including skill performance exams.

Presentations

Skill Demonstrations
15 - 25%

Exams: All forms of formal testing, other than skill performance exams.

Multiple choice, true/false, quizzes

Exams
35 - 45%

Other: Includes any assessment tools that do not logically fit into the above categories.

Attendance and participation

Other Category
0 - 10%

Representative Textbooks and Materials:

The Art of Project Management, by Scott Berkun, published by O'Reilly Media Inc. Copyright 2005