

**BMG 66.4 Course Outline as of Fall 2007****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	8.00	5	Lecture Scheduled	40.00
Minimum	1.00	Lab Scheduled	0	2	Lab Scheduled	0
		Contact DHR	0.80		Contact DHR	4.00
		Contact Total	8.80		Contact Total	44.00
		Non-contact DHR	0		Non-contact DHR	0

Total Out of Class Hours: 80.00

Total Student Learning Hours: 124.00

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:**

<b>AS Degree:</b>	<b>Area</b>	Effective:	Inactive:
<b>CSU GE:</b>	<b>Transfer Area</b>	Effective:	Inactive:

<b>IGETC:</b>	<b>Transfer Area</b>	Effective:	Inactive:
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<b>CSU Transfer:</b>	Transferable	Effective:	Fall 2001	Inactive:
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<b>UC Transfer:</b>		Effective:		Inactive:
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**CID:**

**Certificate/Major Applicable:**

Certificate Applicable Course

## **COURSE CONTENT**

### **Outcomes and Objectives:**

Upon completion of this course, the student 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:**

Topics will include but not be limited to:

- 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.

None, This is a degree applicable course but assessment tools based on writing are not included because skill demonstrations are more appropriate for this course.

Writing  
0 - 0%

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

None

Problem solving  
0 - 0%

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

Presentations, scheduling projects, value analysis

Skill Demonstrations  
45 - 65%

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

Multiple choice, True/false, Quizzes

Exams  
35 - 55%

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

None

Other Category  
0 - 0%

## Representative Textbooks and Materials:

THE ART OF PROJECT MANAGEMENT by Scott Berkun, published by O'Reilly Media Inc. Copyright 2005