I. CATALOG INFORMATION

A. Discipline: COMPUTER NETWORKING SYSTEMS ENGINEERING (CNSE)

B. Subject Code and Number: CNSE M79

C. Course Title: Fundamentals of Project Management

D. Credit Course units:

Units: 2

Lecture Hours per week: 1

Lab Hours per week : 3

Variable Units : No

E. Student Learning Hours:

Lecture Hours:

Classroom hours: 17.5

Laboratory/Activity Hours:

Laboratory/Activity Hours 52.5

Total Combined Hours in a 17.5 week term: 70 - 0

F. Non-Credit Course hours per week

G. May be taken a total of: [X] 1 [ ] 2 [ ] 3 [ ] 4 time(s) for credit

H. Is the course co-designated (same as) another course: No [X] Yes [ ]
If YES, designate course Subject Code & Number:

I. Course Description:

Examines foundations of project management, including project integration, scope, cost, quality, human resources, communications, risk and procurement, and the application of interpersonal communication skills. Utilizes various project management software and examines case studies.

J. Entrance Skills

*Prerequisite: No [X] Yes [ ] Course(s)

*Corequisite: No [X] Yes [ ] Course(s)

Limitation on Enrollment: No [X] Yes [ ]

Recommended Preparation: No [ ] Yes [X] Course(s)
One year or greater of professional work experience involving project milestones in the workplace, or completion of 16 or more units in a discipline of study.

Other: No [X] Yes [ ]

K. Other Catalog Information:

II. COURSE OBJECTIVES

Upon successful completion of the course, a student will be able to:

		Methods of evaluation will be consistent with, but not limited by, the following types or examples.
1	Demonstrate the application of soft skills such as time management, negotiation, coordination, planning, and the effective use of communication (verbal and non-verbal).	
2	Compare and contrast various theories of leadership and organizational structure, and roles such as client, developer, service provider, business user, IT integrator, etc.	
3	Analyze and identify critical elements of various project management case studies in your discipline.	
4	Develop project plans, given various scenarios, milestones, and resolve competing priorities.	
5	Assess advantages/disadvantages in various project management software products.	
6	Understand the use of Project Management software in a Client/Server environment.	
7	Apply Project Management skills in a simulated business and technical environment.	
8	Understand the roles and responsibilities of project managers and subordinates.	
9	Demonstrate the ability to adhere to deadlines while applying Project Management skills in a project team environment.	
10	Understand the principles of cost, quality, time, risk, scope, integration, business environments, procurement cycles.	
11	Construct a basic, intermediate, and advanced project plan utilizing project management software based on project scope criteria.	
12	Manage multiple ongoing projects that demonstrate strategic and tactical planning.	
13	Research modern project planning methods, techniques and new developments.	
14	Plan and deliver group based project(s) as expected in a professional setting.	

III. COURSE CONTENT

Estimated %	**Topic**	**Learning Outcomes**
Lecture (must total 100%)		
	What is project management, role of project manager, subordinate,	

5.00%	and team based skills needed for project success.	1, 7, 8
10.00%	Project management models, impact of organizational structure and culture, managerial styles, role of the life cycle, and review of various business and Information Technology projects.	2, 3, 8, 13, 14
7.00%	Project initiation, planning, execution, monitoring, controlling, and project closing.	4, 12
7.00%	Integration of units to project scope framework, coordination of tasks, process planning, project management tools and techniques, managing change, successful project closure.	4, 10, 11
7.00%	Project Scope Management - Developing a work breakdown structure.	9, 10, 11
7.00%	Project Time Management - Schedule and resource management, developing applicable charts, resolving various types of conflict.	10, 11
7.00%	Project Cost Management - Types of costs, budgeting, controlling costs.	10, 11
7.00%	Project Quality Management - Planning, assurance, quality control and management.	10, 11
7.00%	Project Resource Management - Human resource management, assembling and managing a project team.	10, 11
7.00%	Project Communications Management - Planning, dessiminating, managing various types and mediums of communication.	10, 11
7.00%	Project Manaagement Risk- Planning, identification, risk analysis, monitoring and conrolling risk.	10, 11
7.00%	Project Procurement Management - Purchases and acquisitions, selecting sellers/buyers, administering and closing contracts.	10, 11
15.00%	Project Management Software - Installing, using, and configuring Project software that supports task development, charts and diagrams, cost analysis, resource allocation, human resource assignements, reports and views, baselines, calendars, histograms, and other pertinent project management features. Note: Textbook selected includes:1 - Project Management software. 2 - Various Business and Information Technology case studies.	5, 6, 10, 11

IV. TYPICAL ASSIGNMENTS

A. Writing assignments

Writing assignments are required. Possible assignments may include, but are not limited to:	
1	Development of a Project using project management software in support of a case study. Written critical analysis of case studies. Presentation(s) supporting #2 above in an executive summary format. (ie:power point/charts/project management presentation tools)

B. Appropriate outside assignments

Appropriate outside assignments are required. Possible assignments may include, but are not limited to:	
1	Collaborative efforts in developing teams based projects. Application of group based collaboration skills including commitment to deadines, group meetings, time management, meeting schedules, and group deliverables. Submission of assignments to course management software (WebCT)

V. METHODS OF INSTRUCTION

Methods of instruction may include, but are not limited to:

- [ ] Distance Education – When any portion of class contact hours is replaced by distance education delivery mode (Complete DE Addendum, Section XV)
- [X] Lecture/Discussion
- [X] Laboratory/Activity
- [ ] Other (Specify)
- [ ] Optional Field Trips
- [ ] Required Field Trips

VI. METHODS OF EVALUATION

Methods of evaluation may include, but are not limited to:

[X] Essay Exam	[X] Classroom Discussion	[X] Skill Demonstration
[X] Problem Solving Exam	[X] Reports/Papers/ Journals	[X] Participation
[X] Objective Exams	[X] Projects	[X] Other (specify)

Development of individual and group based project management portfolios and an oral critique of project management strategies as expected in professional work environment.

VII. REPRESENTATIVE TEXTS AND OTHER COURSE MATERIALS

Schwalbe, Kathy. Information Technology Project Management. 4 ed. Thomson, 2006.

Richardson, Gary, and Charles Butler. Readings, in Information Technology Project Management. Thomson, 2006.

VIII. STUDENT MATERIALS FEES

[X] No [ ] Yes

IX. PARALLEL COURSES

College	*Course Number*	*Course Title*	*Units*

X. MINIMUM QUALIFICATIONS

Courses in Disciplines in which Masters Degrees are not expected:
AS degree with 6 years related experience or AS degree with Project Management certification or BS degree with 2 years related experience or BS degree with Project Management certification

XI. ARTICULATION INFORMATION

A. Title V Course Classification:

1. This course is designed to be taken either:

[ ]

☐ Pass/No Pass only (no letter grade possible); or
☐ Letter grade (P/NP possible at student option)

2. Degree status:
   Either ☐ Associate Degree Applicable; or ☐ Non-associate Degree Applicable

B. Moorpark College General Education:

1. Do you recommend this course for inclusion on the Associate Degree General Education list?
   Yes: ☐ No: ☒ If YES, what section(s)?

   ☐ A1 - Natural Sciences - Biological Science
   ☐ A2 - Natural Sciences - Physical Science
   ☐ B1 - Social and Behavioral Sciences - American History/Institutions
   ☐ B2 - Social and Behavioral Sciences - Other Social Behavioral Science
   ☐ C1 - Humanities - Fine or Performing Arts
   ☐ C2 - Humanities - Other Humanities
   ☐ D1 - Language and Rationality - English Composition
   ☐ D2 - Language and Rationality - Communication and Analytical Thinking
   ☐ E1 - Health/Physical Education
   ☐ E2 - PE or Dance
   ☐ F - Ethnic/Gender Studies

C. California State University(CSU) Articulation:

1. Do you recommend this course for transfer credit to CSU? Yes: ☐ No: ☒

2. If YES do you recommend this course for inclusion on the CSU General Education list?
   Yes: ☐ No: ☒ If YES, which area(s)?

   A1 ☐ A2 ☐ A3 ☐ B1 ☐ B2 ☐ B3 ☐ B4 ☐

   C1 ☐ C2 ☐ D1 ☐ D2 ☐ D3 ☐ D4 ☐ D5 ☐

   D6 ☐ D7 ☐ D8 ☐ D9 ☐ D10 ☐ E ☐

D. University of California (UC) Articulation:

1. Do you recommend this course for transfer to the UC? Yes: ☐ No: ☒

2. If YES do you recommend this course for the Intersegmental General Education Transfer Curriculum (IGETC)? Yes: ☐ No: ☒

   IGETC Area 1: English Communication

   ☐ English Composition
   ☐ Critical Thinking-English Composition
   ☐

- [ ] Oral Communication

IGETC Area 2: Mathematical Concepts and Quantitative Reasoning

- [ ] Mathematical Concepts

IGETC Area 3: Arts and Humanities

- [ ] Arts
- [ ] Humanities

IGETC Area 4: Social and Behavioral Sciences

- [ ] Anthropology and Archaeology
- [ ] Economics
- [ ] Ethnic Studies
- [ ] Gender Studies
- [ ] Geography
- [ ] History
- [ ] Interdisciplinary, Social & Behavioral Sciences
- [ ] Political Science, Government & Legal Institutions
- [ ] Psychology
- [ ] Sociology & Criminology

IGETC Area 5: Physical and Biological Sciences (mark all that apply)

- [ ] Physical Science Lab or Physical Science Lab only (none-sequence)
- [ ] Physical Science Lecture only (non-sequence)
- [ ] Biological Science
- [ ] Physical Science Courses
- [ ] Physical Science Lab or Biological Science Lab Only (non-sequence)
- [ ] Biological Science Courses
- [ ] Biological Science Lab course
- [ ] First Science course in a Special sequence
- [ ] Second Science course in a Special Sequence
- [ ] Laboratory Activity
- [ ] Physical Sciences

IGETC Area 6: Language other than English

- [ ] Languages other than English (UC Requirement Only)
- [ ] U.S. History, Constitution, and American Ideals (CSU Requirement ONLY)
- [ ] U.S. History, Constitution, and American Ideals (CSU Requirement ONLY)

XII. REVIEW OF LIBRARY RESOURCES

A. What planned assignment(s) will require library resources and use?

The following assignments require library resources:
None will require library usage, however students will need to meet as a group outside of class where dry erase boards, tables, chairs and a quiet room can be utilized. The library would be a highly recommended accommodation.

B. Are the currently held library resources sufficient to support the course assignment?

YES: [X] NO: [ ]

If NO, please list additional library resources needed to support this course.

XIII. PREREQUISITE AND/OR COREQUISITE JUSTIFICATION

CNSE M79: Not Applicable

XIV. WORKPLACE PREPARATION

CNSE M79: Not Applicable

XV. DISTANCE LEARNING COURSE OUTLINE ADDENDUM

CNSE M79: Not Applicable

XVI. GENERAL EDUCATION COURSE OUTLINE ADDENDUM

CNSE M79: Not Applicable

XVII. STUDENT MATERIALS FEE ADDENDUM

CNSE M79: Not Applicable

XVIII. REPEATABILITY JUSTIFICATION TITLE 5, SECTION 55041

CNSE M79: Not Applicable

XIX. CURRICULUM APPROVAL

Course Information:

Discipline:
COMPUTER NETWORKING SYSTEMS ENGINEERING (CNSE)

Discipline Code and Number: CNSE M79

Course Revision Category: New Course

Course Proposed By:

Originating Faculty _____

Faculty Peer: _____

Curriculum Rep: _____

Department Chair: _____

Division Dean: _____

Approved By:

Curriculum Chair: _____

Executive Vice President: _____

Articulation Officer: _____

Librarian: _____

Implementation Term and Year: _____

Approval Dates:

Approved by Moorpark College Curriculum Committee: _____

Approved by Board of Trustees (if applicable): _____

Approved by State (if applicable): _____