

University of Detroit Mercy
College of Engineering and Science
Department of Mathematics, Computer Science and Software Engineering

CSSE-4570 01 Software Project Management
Fall 2015-2016

DESCRIPTION OF COURSE: Project management concepts, project metrics, project planning, risk analysis and management, project scheduling, project tracking, software quality assurance, software configuration management, communicating project information, critical paths, case studies, and term project.

PREREQUISITES: None.

PREREQUISITES BY TOPIC: None

REQUIRED TEXT: Information Technology Project Management, Kathy Schwalbe, Course Technology, Revised 6th Edition, ISBN: 978-0-538-48268-4, 2011.

INSTRUCTOR: Dr. Kevin Daimi, Room E324. Tel: 313-993-1060.
Email: daimikj@udmercy.edu.
Web page: <http://daimikj.faculty.udmercy.edu/daimikj.htm>

OFFICE HOURS: Tuesday and Thursday 11.00-12.15 pm., or contact me to schedule an appointment.

LECTURE: TR 2.00-3.15 PM, Room E223.

COURSE OBJECTIVE: To present an understandable, integrated view of the many concepts, skills, tools, and techniques involved in project management

COURSE OUTCOMES: Upon completion of the course, students will be able to*:

1. Understand the Project Management Process Groups and map them to Knowledge Areas (a).
2. Perform and manage Project Integration, Project Scope, Time, Cost, Quality, Human Resources, and Communications (a, b, i).
3. Manage Risk (a, b, i)
4. Manage Procurement (a, b, i).
5. Understand the professional, ethical, legal, security, and social issues and responsibilities in computing project Management (e).
6. Present projects both orally and in writing (f).
7. Carry out independent learning through literature and standards search (h)
8. Work in teams and lead teams (d).

**Letters refer to Software Engineering Program Outcomes*

COMPUTER USAGE: Students will use the MS Project Management software.

TOPICS:

- What is Project Management
- The Project Management and Information Technology Context
- The Project Management Process Groups
- Project Integration Management
- Project Scope Management
- Project Time Management
- Project Cost Management
- Project Quality Management
- Project Human Resources Management
- Project Communications Management
- Project Risk Management
- Project Procurement Management

COURSE ASSIGNMENTS:

Assignment	Topic Covered	Assign Date	Collect Date
Report	Local and Global impact of issues and responsibilities in computing project management	09/01/2015	10/15/2015
Research Paper	Any paper on Software Project Management	09/01/2015	11/03/2015
Term Project	Chess Game Development Project	09/01/2015	11/24/2015

- *Students may suggest other software systems subject to instructor approval. **Papers and projects will be presented in class.***
- *Journal and conference papers used in preparing the Research Paper must be approved by the instructor by **09/10***
- *Paper Plan need be submitted on **09/15**.*

GRADING:	Term Paper	10%
	Term Report	10%
	Term Project	50%
	Final Exam	30%

EXAM SCHEDULE: Paper Presentation and Discussion: 11/17, 11/19
(TENTITATIVE) Report Presentation: 11/24

Project Discussion/Presentation: 12/1, 12/3, 12/08, 12/10
Final Exam: Tuesday, December 15, 02.00-03.50 pm.

GRADING SCALE: A 95-100, A- 90-94, B+ 85-89, B 80-84, B- 75-79,
C+ 70-74, C 65-69, C- 60-64, D+ 55-59, D 50-54

IMPORTANT DATES:

September 07	Last Day to Add a Class
September 07	Last Day to Drop a Class without a “W”
October 12-13	Fall Break: NO Classes (University Open)
October 27	Mid-term Grades are Due
November 02	Advising for Term II Winter and Summer
November 09	Registration for Winter and Summer begins
November 23	Last Day to Withdraw from Class
November 25	Thanksgiving Break: NO Classes (University Open)
November 26-29	Thanksgiving Recess: University Closed
December 15-19	Final Exam Week

ACADEMIC INTEGRITY:

Students are expected to conform to a high standard of honesty and integrity in this course. Copying the work of someone else and other forms of cheating are strictly prohibited. Permitting or tolerating such behavior is also prohibited. The minimum penalty for any offense is a 0 on that assignment. The culprits may be subject to additional sanctions, up to and including expulsion from school for serious offenses, as prescribed by the University Catalog and the Engineering and Science Student Handbook.

STUDENTS WITH DISABILITIES

UDM is committed to all students achieving their potential. If a student has a disability or believes that s/he may have a disability (including a physical, mental, or emotional disability) that may require an accommodation, students should contact Emilie Gallegos in the University Academic Services (UAS) office for further discussion. The UAS office is located on third floor of the Library. Because accommodations often require adequate time to implement, students should make arrangements to contact the UAS as soon as possible.

As protected personal information, all information regarding a student’s disability is confidential and must be maintained in a confidential manner in compliance with state and federal laws, including but not limited to information regarding the fact that a student may be experiencing a disability and the nature of the disability.

NOTE: This is a tentative syllabus