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

CSSE-5570 01 Software Systems Project Management
Fall 2015-2016

DESCRIPTION OF COURSE: Risk and uncertainty management, software project planning, project modeling, project scheduling, resource allocation, software cost management, budget monitoring, quality management, monitoring productivity, team building, communication management, web project management, project documentation, 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 concepts, techniques, methods, process, and tools needed to manage complex software projects.

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

1. Plan software projects.
2. Perform project monitoring and scheduling, and resource allocation.
3. Monitor budgets and build project management teams.
4. Manage Project Integration, Scope, Time, Cost, Quality, Human Resources, Communications, Risk, and Procurement.
5. Apply Project Management Code of Ethics to project management.
6. Work in teams and lead teams to present their projects both orally and in writing.

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
Research Paper	Any paper on computer/network security Project Management	09/01/2015	11/03/2015
Term Project	Hotel Reservation Software 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   20%
                    Term Project   50%
                    Final Exam   30%

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