King Saud University
College of Computer and Information Sciences
Department of Computer Science
CSC 443 – IT/Software project management (3-0-1)   -   Elective Course

Instructor: Dr. Safwan Qasem (sqasem@ksu.edu.sa)
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Office hours: Check the Blackboard
Semester: Fall 2018-19

Course description:

The course aims to provide students with basic project management knowledge and skills in order to be able to work efficiently in IT/software teams and be able to progress towards effectively managing project team. The course will cover different topics in project management including:
Project life cycle; Project constraints; Project organization; Risk management; Project cost; Integrated schedule and critical path analysis; Baseline cost; Team building; Project planning; Reporting on project status; Closing and sign-off..

Prerequisite: Operating Systems (CSC 227)
Prerequisite to: None.
Co-requisite to: None.

Textbook:

A Guide to the Project Management Body of Knowledge: PMBOK® Guide, Project Management Institute; 5th edition, 2013.

Course Learning Outcomes:

 After completing this course successfully, student should have the following capabilities:

1. Understand the organizational context and constraints of a project

2. Analyze, design, plan, and schedule a project

3. Perform Time and cost estimations

4. Perform a cost estimation and follow-up

5. Monitor and report the status of a project

6. Effectively lead and work in and with teams

Topics:

1. Project Management Framework   (2 weeks)
2. Project Integration Management   (2 weeks)
3. Project Scope Management   (2 weeks)

4.   Project Time Management   (2 weeks)

5.   Project Cost Management   (2 weeks)

6.   Project Procurement Management   (2 weeks)

7.   Project Human Resource Management   (2 weeks)

Schedule:

14 weeks of three 50-minute lectures/week and one 50-minute tutorial per week.

Evaluation:

Midterm exams	30%
Final exam	40%
Group Presentation	10%
Quizzes	20%

Exam Date

Mid-1: TBD

Mid-2: TBD

Final: 9 Dec. 2018, 1:00 PM to 16:00 PM (1440-04-02)

Notes for email communication

Your email header must start with *CSC443*

Send your email to sqasem@KSU.edu.sa email address.

Please write your name and your ID at the end of the email