

SE 329 – Software Project Management

Course Overview and Syllabus

Lotfi ben Othmane

Goal

- What is the course about?
- What are the rules of the course?

About me....

- B.I. U. Sfax, 1995
- MSc. U. Sherb., 2000
- Ph.D. WMU, 2010

- 3st year in ISU

- 3 years in Fraunhofer SIT

- 25 years of experience
 - USA
 - Canada
 - The Netherlands
 - Germany
 - Tunisia



Expected Outcomes

1. Understand project management processes
2. Develop project schedule
3. Plan for project-management risk
4. Manage project human resources
5. Plan for project quality
6. Plan for communication
7. Control project progress
8. Understand intellectual property

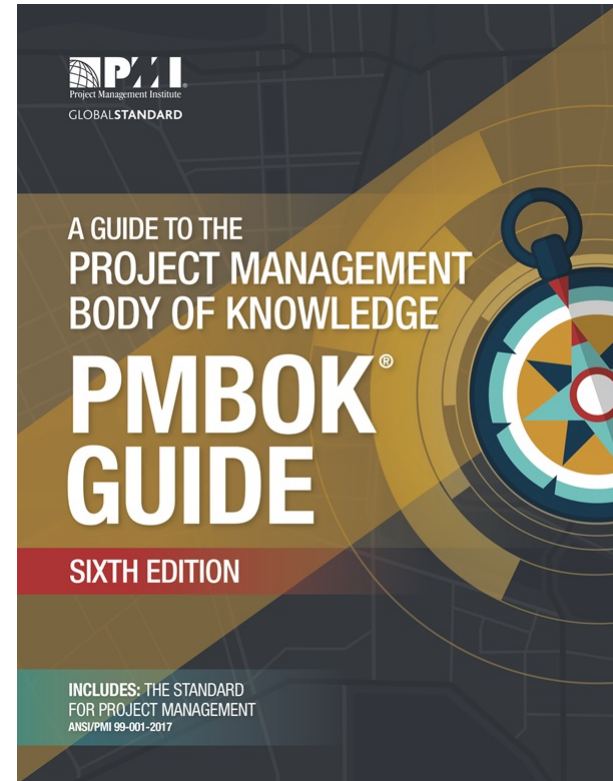
Course Approach

- Lectures + practice exercises
- Practice assignments

Textbook

ISU Library:

<http://proquest.safaribooksonline.com.proxy.lib.iastate.edu/9781935589679>



Optional

Grading

- 40% Project (5 phases)
 1. Develop project schedule
 2. Plan for project-management risk
 3. Manage project human resources
 4. Plan for project quality
 5. Plan for communication
- 15% Assignments (2 assignments)
- 20% Quizzes (5 quizzes)
- 15% Final exam
- 10% Participation

Letter grades

A	93 to 100%
A-	90 to less than 93%
B+	87 to less than 90%
B	83 to less than 87%
B-	80 and less than 83%
C+	77 and less than 80%
C	73 and less than 77%
C-	70 and less than 73%
D+	67 and less than 70%
D	63 and less than 67%
D-	60 and less than 63%
F	less than 60%

Assignments

- **Assignment 1:** Understand project management processes
- **Assignment 2:** Control project progress

Project

- **Project version 1** Project schedule
- **Project version 2** Identify project-related risk
- **Project version 3** Human resources management
- **Project version 4** Quality planning
- **Project version 5** Communication planning

Course Information

Canvas:

- The course material will be available on Canvas
- The assignments and exams will be submitted through Canvas
- We will track performance through Canvas

Contact - Instructor

- Lotfi ben Othmane
 - Email: othmanel@iastate.edu
 - Office: Durham #315
 - Phone: 515 294 0416
 - <https://www.linkedin.com/in/lotfibenothmane/>
- TAs:
 - Jamil, Ameerah-Muhsinah <amjamil@iastate.edu>

Contact - Instructor

- **Office hours:** 5:00 to 6:00 Monday
6:00 to 7:00 Tuesday
5:00 to 6:00 Wednesday
Online
- Please start the subject of your emails with [SE329] for easy tracking
- If I do not answer in two business days, send me a reminder.

Participation Score

There is no formula, but I will use the following:

1. Contributions to the discussions
2. Participation quizzes

Relation to Practice

- We will try to invite project managers to give invited lectures. Potential companies include:
 - John Deere
 - Kingland
 - Workiva
 - Collin Aerospace

Discussion: What Is a Project?

- Give an example of a project that you worked on
- What makes this endeavor a project?
- Why did you work on the project?
- Was the project example successful?

What Is a Project

- “A temporarily endeavor undertaken to create a unique product, service, or result”
- Temporarily: it has a beginning and an end
- A project ends when either the objectives are achieved, or they are not expected to be achieved

What Is A Project?

- A project has a business value – tangible and intangible.
- Example of tangible business values:
 - Money
 - Equity
- Examples of intangible business values
 - Brand recognition
 - Public benefit

Project Management

“Project management is the application of knowledge, skills, tools, and techniques to project activities to meet the project requirements”

Example of Tasks of Project Management

- Plan and execute the project to address the requirements
- Estimate the time
- Manage the budget
- Manage the risk
- Facilitate and manage the communication between the stakeholders

Project Management Constraints

1. Scope
2. Quality
3. Schedule
4. Budget
5. Resources

Expectations

First participation quiz on canvas – Let's do it.

- What is project management?
- What do you expect from the class?
- How would you benefit the most from the class?

Thank you