

Course Syllabus – IS/PM 430

Fundamentals of IT Project Management

Summer 2011

COURSE: IS/PM 430 – Fundamentals of IT Project Management

DATES: Tuesday, Thursday, 6:00-9:15 pm
1st class session: June 14, 2011

LOCATION: CDM Center 226

INSTRUCTOR: James Nowotarski
Email: jnowotarski@cdm.depaul.edu
Phone: 708.214.9347
Office hours: Immediately before and after class; CDM Room 701 or 702

COURSE MATERIALS:

Text (REQUIRED)



Kerzner, H. (2009). *Project management: A systems approach to planning, scheduling, and controlling* (10th ed.). Hoboken, NJ: Wiley. ISBN: **9780470278703**
URL: <http://he-cda.wiley.com/WileyCDA/HigherEdTitle/productCd-0470278706.html>

- Also available as an e-book from DePaul library's Safari Books Online collection (limit of 7 concurrent users of this entire collection).

Some notes about the Kerzner text:

- The 10th edition of Kerzner (2009) was updated throughout to reflect the latest (4th) version of the Project Management Body of Knowledge (PMBOK), which was published in late 2008 and is what we will cover. In today's job market, you want to be able to say you know the latest version of PMBOK.
- The 9th edition of Kerzner (2006) has about 90% of the 10th edition's content. It does not cover the latest version of the PMBOK.

- The 8th edition of Kerzner (2003) has only about 60-70% of the 10th edition's content. It does not cover the latest version of the PMBOK. However, it is available as an e-book from DePaul library's Books 24x7 collection.
- If I refer to specific chapters, pages, figures, tables, etc., in the 10th edition, I will try to also refer to them by name. But I will not have time to do the mappings to the same content in prior editions.
- If you are planning to do anything with project management after this course, you are likely to find the Kerzner book a good professional reference.

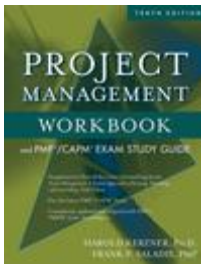


Project Management Institute. (2008). *A guide to the Project Management Body of Knowledge (PMBOK® Guide) (4th ed.)*. Newtown Square, PA: Author. Available in Books 24x7. ISBN: **9781933890517**

Supplementary Readings

A few additional readings will be provided in Course Online (COL).

The following e-book is available in the DePaul library's Books 24x7 collection, and is highly recommended:



Kerzner, H., & Saladis, F. (2009). *Project management workbook and PMP/CAPM exam study guide (10th ed.)*. Books 24x7. ISBN: **9780470278727**. Also available as an e-book through DePaul library's Safari Books Online collection.

Software (REQUIRED)

Microsoft Project 2007 or equivalent. Note that Microsoft Project 2007 software is freely available at the following sources:

60-day trial version: [Microsoft Office Project web site](http://www.microsoft.com/project/2007/evaluation.aspx)

Full version: CDM lab machines, or

[CDM's Microsoft Developer Network Academic Alliance \(MSDNAA\) subscription](#)

COURSE DESCRIPTION:

This course concentrates on monitoring, managing and controlling assets and resources on a single IT project. Topics covered are risk management; procurement and contract management; time and cost estimating; controlling and tracking techniques; quality assurance; testing and audit. Students will use common project management software for resource allocation and balancing. NO PREREQUISITES.

A combination of teaching methods will be used in this course, including lectures, class exercises, group presentations, case studies, lab work, and discussions.

COURSE OBJECTIVES:

Upon completion of this course, students will be able to:

1. Explain and contrast the key dimensions of the Project Management Body of Knowledge (PMBOK) framework
2. Create an IT project proposal that has a good chance of being approved
3. Apply fundamental IT project planning techniques for scope, estimating, and scheduling
4. Describe the project manager's role in the procurement process
5. Evaluate and select approaches for IT project organization and risk management
6. Use basic features of common project management software such as Microsoft Project
7. Assess project progress using techniques such as earned value management
8. Analyze a project plan, or a description of a completed project, for best practices and lessons learned
9. Discuss emerging trends and issues in IT project management

***** A MORE DETAILED SYLLABUS WILL BE DISTRIBUTED VIA COURSE ONLINE (COL)**