

ITP 170

Project Management

COURSE OUTLINE

Prerequisites:

None

Course Description:

Information is traveling faster and being shared by more individuals than ever before. Although project management has been an established field for many years, managing information technology requires ideas and information that go beyond standard project management. By weaving together theory and practice, this course presents an understandable, integrated view of the many concepts skills, tools, and techniques involved in project management. Because the project management field and the technology industry change rapidly, you cannot assume that what worked even five years ago is still the best approach today.

This course introduces the concepts of project management as defined by the Project Management Institute, the accreditation body for project management. This course also provides up-to-date information on how good project management and effective use of software can help you manage projects, especially information technology projects.

Semester Credits: 3 Lecture Hours: 3 Lab/Recitation Hours: 0

VIRGINIA WESTERN COMMUNITY COLLEGE
PO Box 14007
Roanoke, VA 24038
(540)-857-7273



Project Management ITP170

Course Outcomes

At the completion of this course, the student should be able to:

- Understand the ten project management knowledge areas - project integration, scope management, time, cost, quality, human resource, communication, risk and procurement management.
- Understand the five process groups - initiating, planning, executing, controlling and closing.
- Understand the role of the Project Manager and the PMO.
- Understand how to determine project goals and project strategy.
- Define and explain the project charter.
- Understand and explain the Project Scope and plan.
- Explain how to develop project plan, and estimate time and costs.
- Understand the meaning and value of the Critical Path.
- Understand and describe how to monitor project progress using PERT and CPM.
- Define and explain how to use Schedule, Cost, and Technical Baselines.
- Define and explain program problem solving strategies.
- Explain the general process for terminating a project.
- Understand the necessity for a code of ethics and its relationship to project management

VIRGINIA WESTERN COMMUNITY COLLEGE
PO Box 14007
Roanoke, VA 24038
(540)-857-7273



Project Management ITP170

Required Materials:

Access to a computer running Microsoft Word and Project 2010.
New textbook comes with trial version.

Textbook:

Information Technology Project Management, 7th Edition, by Schwalbe, © Cengage Publishing, Inc., ISBN-13:978-1-133-52685-8.

The following supplementary materials are available:

Project Management Web Sites:

www.pmi.org

www.microsoft.com/project

www.vcsonline.com (VPMi Express)

www.infogoal.com/pmc (Project Management Center)

[http://project-management-fsoftware-](http://project-management-fsoftware-review.toptenreviews.com)

[review.toptenreviews.com](http://project-management-fsoftware-review.toptenreviews.com) (top ten reviews)

www.agilealliance.org

www.belbin.com

www.cengage.com/mis/schwalbe - see this for more info related to this class - additional readings, texts, etc.

www.kathyschwalbe.com - template files used in this text

<http://office.microsoft.com/project> - Microsoft project 2010 templates folder

www.mckinnonsc.nic.edu.au/vceit/gantttpert - online gantt and pert charts tutorials

VIRGINIA WESTERN COMMUNITY COLLEGE
PO Box 14007
Roanoke, VA 24038
(540)-857-7273



Project Management ITP170

Topical Description: (Outline chapters and sections to be covered in the book – may include timeline)

Week	Topics	Chapter Readings	Quizzes / Exams
1	Introduction to Project Management	Chapter 1	
2	The Project Management and Information Technology Context	Chapter 2	Graded Assignment or Quiz
3	The Project Management Process Groups: A Case Study	Chapter 3	Graded Assignment or Quiz
4	Project Integration Management	Chapter 4	Graded Assignment or Quiz
5	Project Scope Management	Chapter 5	Graded Assignment or Quiz
6	Project Time Management	Chapter 6	Graded Assignment or Quiz
7	Project Cost Management	Chapter 7	Graded Assignment or Quiz
8	Appendix A - Guide to Using Microsoft Project 2010	Appendix A	MS Project Assignment
9	Appendix A - Guide to Using Microsoft Project 2010 (cont.)	Appendix A	MS Project Assignment

VIRGINIA WESTERN COMMUNITY COLLEGE
 PO Box 14007
 Roanoke, VA 24038
 (540)-857-7273



10	Midterm Exam		Midterm Exam
11	Project Quality Management	Chapter 8	Graded Assignment or Quiz
12	Project Human Resource Management	Chapter 9	Graded Assignment or Quiz
13	Project Communications Management Project Stakeholder Management	Chapter 10 Chapter 13	Graded Assignment or Quiz
	No Class - Thanksgiving Week		
14	Project Risk Management	Chapter 11	Graded Assignment or Quiz
15	Project Procurement Management	Chapter 12	Graded Assignment or Quiz
16	Final Exam		Final Exam

VIRGINIA WESTERN COMMUNITY COLLEGE
 PO Box 14007
 Roanoke, VA 24038
 (540)-857-7273



Project Management ITP170

Notes to Instructors

(List information about optional topics, departmental exams, etc)

- 1.
- 2.
- 3.
- 4.

VIRGINIA WESTERN COMMUNITY COLLEGE
PO Box 14007
Roanoke, VA 24038
(540)-857-7273

