

**Virginia Western Community College**  
**ITP 170**  
**Project Management**

**Prerequisites**

none

**Course Description**

Introduces the concepts of project management as defined by the Project Management Institute, the accreditation body for project management.

**Semester Credits: 3    Lecture Hours: 3    Lab/Clinical/Internship Hours: 0**

**Required Materials****Textbook:**

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

**Other Required Materials:**

none

**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, stakeholder management, 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 Scope, Schedule and Cost 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

**Topical Description**

<b>Week</b>	<b>Topics</b>
1	Introduction to Project Management
2	The Project Management and Information Technology Context
3	The Project Management Process Groups: A Case Study
4	Project Integration Management
5	Project Scope Management
6	Project Time Management
7	Project Cost Management
8	Project Assignment
9	Midterm Exam
10	Project Quality Management
11	Project Human Resource Management
12	Project Communications Management Project Stakeholder Management
	No Class – Thanksgiving Week
13	Project Risk Management
14	Project Procurement Management
15	Final Exam

**Notes to Instructors**

- none