

Virginia Western Community College

ITP 170

Project Management

Prerequisites

None

VCCS Course Description

[Add VCCS Course Description Here]

VWCC Discipline Specific Course Description

Using a combination of industry-recognized resources, case studies, project management deliverables, exercises, and constructive feedback, this course provides a broad and comprehensive overview of project management with emphasis on its application in organizations. Provides experience with tools, techniques, and frameworks that are used to solve problems and execute organizational strategy. Emphasizes project lifecycles and introduces multiple project management approaches and technologies, change management methods, and project management roles in implementing business strategies and assessing project financial performance, impact, and risk.

Semester Credits: 3

Lecture Hours: 3

Required Materials

Textbook

Information Technology Project Management, 9th Edition, by Schwalbe, © Cengage Publishing, Inc., ISBN-10: 1337101419 | ISBN-13: 9781337101417.

Other Required Materials:

None

VCCS COURSE OUTCOMES

Note to Instructors

[Add Note to Instructors Here]

VWCC AND DISCIPLINE SPECIFIC OUTCOMES

- Understand the ten project management Knowledge Areas: project integration, scope management, schedule, cost, quality, 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, including roles within project management teams and career paths.
- Understand how to determine project goals and strategy and assess an organization's readiness for change, including its ability to digest major projects.
- Define and explain the project charter and its importance in the project planning process.
- Understand and explain project scope management and planning, including the development of project plans, Gantt charts, Work Breakdown Structures (WBS), and dashboards.
- Differentiate between process and project management approaches such as Agile, Scrum, and Waterfall, using appropriate software tools.
- Explain how to develop project plans and estimate time and costs, with an emphasis on the meaning and value of the Critical Path.
- Understand and describe how to monitor project progress using tools like PERT, CPM, and EVM, and assess project performance and risk from a financial perspective.
- Define and explain how to use Scope, Schedule, and Cost Baselines effectively in managing project performance.
- Define and explain problem-solving strategies relevant to project management, including the general process for terminating a project.
- Gain hands-on experience with popular industry project management tools and apply them to case studies related to management, consulting, and analytics.
- Understand the necessity for a code of ethics and its relationship to project management practices.
- Explore project management roles, careers, organizations, and certifications relevant to the field.

VCCS TOPICAL DESCRIPTIONS

- [Add VCCS Topical Descriptions Here]

VWCC AND DISCIPLINE SPECIFIC TOPICAL DESCRIPTIONS

- Introduction to Project Management
- Project Management and Information Technology Context
- Project Management Process Groups
- Project Integration Management
- Project Scope Management

- Project Schedule Management
- Project Cost Management
- Project Quality Management
- Project Resource Management
- Project Communications Management
- Project Stakeholder Management
- Project Risk Management
- Agile Project Management
- Project Planning

[TITLE IX STATEMENT](#)

[ADA STATEMENT](#)

