MINNESOTA WEST COMMUNITY & TECHNICAL COLLEGE
COURSE OUTLINE

DEPT. CST   **COURSE NUMBER: 2400**

NUMBER OF CREDITS: 3   **Lecture: 2 Lab: 1 OJT: 0**

Course Title:
IT Project Management

Catalog Description:
IT Project Management will apply all ten project management knowledge areas and all five process groups to information technology projects. The project management knowledge areas are project integration, scope, time, cost quality, human resource, communication, risk, procurement, and stakeholder Management. The five process groups are initiating, planning, executing, monitoring and controlling, and closing. There will be on emphasis on IT projects and use of software tools. This class will help students prepare for Project Management Institute (PMI) certifications, such as Project Management Professional (PMP®) and Certified Associate in Project Management (CAPM®)

Prerequisites or Necessary Entry Skills/Knowledge:
None

FULFILLS MN TRANSFER CURRICULUM AREA(S) *(Leave blank if not applicable)*

☐Goal 1: Communication: By meeting the following competencies:

☐Goal 2: Critical Thinking: By meeting the following competencies:

☐Goal 3: Natural Sciences: By meeting the following competencies:

☐Goal 4: Mathematics/Logical Reasoning: By meeting the following competencies:

☐Goal 5: History and the Social and Behavioral Sciences: By meeting the following competencies:

☐Goal 6: The Humanities and Fine Arts: By meeting the following competencies:

☐Goal 7: Human Diversity: By meeting the following competencies:

☐Goal 8: Global Perspective: By meeting the following competencies:

☐Goal 9: Ethical and Civic Responsibility: By meeting the following competencies:

☐Goal 10: People and the Environment: By meeting the following competencies:

Topics to be Covered
The Project Management Process
Project Integration Management
Project Scope Management
Project Schedule Management
Project Cost Management

Project Quality Management

Student Learning Outcomes
Explain what a project is, provide examples of IT projects, list various attributes of projects, and describe constraints of project management.
Summarize organizations, including the four frames, organizational structures, and organizational culture.
Describe several templates for creating documents for each process group.
Discuss the strategic planning process and apply different project selection methods.
Describe the process of planning scope management.
Define activities as the basis for developing project schedules.
Explain the main outputs of the quality control process.
Discuss resource management planning and be able to create a human resource plan, project organizational chart, responsibility assignment matrix and resource histogram.
Explain basic project cost management principles, concepts, and terms.

Is this course part of a transfer pathway: Yes ☐   No ☒
If yes, please list the competencies below

Revised Date: 3/29/2022