MASTER COURSE OUTLINE

Prepared By: Tom Willingham   Date: January 2020

COURSE TITLE

Project Management

GENERAL COURSE INFORMATION

Dept.: BUS	Course Num: 289	(Formerly:)
CIP Code: 52.0201	Intent Code: 21	Program Code: 527
Credits: 5		
Total Contact Hrs Per Qtr.: 55		
Lecture Hrs: 55	Lab Hrs:	Other Hrs:

Distribution Designation: General Elective (GE)

COURSE DESCRIPTION (as it will appear in the catalog)

This course focuses on exploring and exercising principles that are common to project management across multiple industries and disciplines. Students develop skills in project integration, scope, time, cost, quality, human resource, communications, risk, procurement, and stakeholder management. Students and instructors will select a final project that will allow them to focus on their area of specialization and learn about the perspectives of other industries while working as a team to accomplish common project goals. Students who have earned 45 or more college-level credits may register for this class. This class is intended for students in the second year of their degree program. Credit cannot be earned in both BUS 289 and CS 289.

PREREQUISITES

45 or more college-level credits

TEXTBOOK GUIDELINES

Appropriate Project Management text as chosen by faculty.

COURSE LEARNING OUTCOMES

Upon successful completion of the course, students should be able to demonstrate the following knowledge or skills:

1. Describe 7 phases of project management and how it applies to various industries
2. Explain the concept of a project phase and the project life cycle, and distinguish between project development and product development
3. Describe the unique attributes and diverse nature of industry-specific projects
4. Describe recent trends affecting project management, including globalization, outsourcing, virtual teams, and agile project management
5. Use various types of software to assist in project management
6. Use a Gantt chart for planning and tracking schedule information, find the critical path for a project, and describe how critical chain scheduling and the Program Evaluation and Review Technique (PERT) affect schedule development
7. Apply the processes of determining a budget and preparing cost estimates
8. Explain and apply several tools and techniques to help manage a project team and summarize general advice on managing teams
9. Explain the importance of good communications on projects and the need to develop soft skills,

10. Develop, document, and present a specialized team project using project management principles

INSTITUTIONAL OUTCOMES
IO1   **Communication**: Students will be able to communicate clearly and effectively within a workplace context

IO2   **Quantitative Reasoning**: Analyze and solve computational problems using a modern program language

IO3   **Human Relations/Workplace Skills**: Students will be able to demonstrate teamwork, professionalism, and/or workplace specific skills.

COURSE CONTENT OUTLINE
1. Introduction to Project Management
2. Project Management and Industry-Specific Context
3. Project Management Process Groups
4. Project Integration Management
5. Project Scope Management
6. Project Time Management
7. Project Cost Management
8. Project Quality Management
9. Project Human Resource Management
10. Project Communications Management
11. Project Risk Management
12. Project Procurement Management
13. Project Stakeholder Management
14. Present Project Results and Post-Project Learning

DEPARTMENTAL GUIDELINES *(optional)*
Instructors are encouraged to find open resources whenever possible, such as Saylor.org BUS402: Project Management Course content https://learn.saylor.org/course/view.php?id=69 OR other content like Alison.com https://alison.com/courses/project-management.

Finding free, open-source resources in place of textbooks is recommended OR procuring inexpensive ways to offer traditional textbooks.

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DIVISION CHAIR APPROVAL   **DATE**