THOMPSON RIVERS UNIVERSITY

Course Outline

Management, Information and Supply Chain
School of Business & Economics

MNGT 4740 - **3.00** - Academic

Business Project Management 2

Rationale

Update Curricunet to reflect standard course outlines established by the School.

Calendar Description

Building on MNGT 4730: Business Project Management 1, students further develop their understanding of the practical and systematic tools used to successfully plan and manage complex projects. Topics include resource constrained schedules; budgeting; performance and progress reporting; risk management; communication, organization, and time management; advanced management and control; special topics such as contracts, environmental sustainability, and international projects; and applications of project management practice in various industries and environments.

Credits/Hours

Course Has Variable Hours: No
Credits: 3.00
Lecture Hours: 3.00
Seminar Hours: 0
Lab Hours: 0
Other Hours: 0
  Clarify:
Total Hours: 3.00
Delivery Methods: (Face to Face)
Impact on Courses/Programs/Departments: No change
Repeat Types: A - Once for credit (default)
Grading Methods: (S - Academic, Career Tech, UPrep)

Educational Objectives/Outcomes

1. Develop resource constrained project schedules.
2. Prepare project budgets.
3. Apply project performance and progress reporting techniques.
4. Identify project risks and explain project risk management strategies.

5. Discuss project communication and project organization tools.
6. Apply advanced project management tools and develop aggressive project schedules.
7. Explain project contracts and issues in international projects.
8. Perceive the importance of project management practice in application areas such as IT, construction, naturalresources, event management, defense and government.

Prerequisites

MNGT 4730

Co-Requisites

Recommended Requisites

Exclusion Requisites

MNGT 4751-Project Management

BBUS 4681

Texts/Materials

Textbooks

1. **Required** Burke. *Project Management: Planning and Control Techniques*, 3rd ed. Wiley.

Student Evaluation

The Course grade is based on the following course evaluations.

 Midterm (30.00%) Quizzes, assignments, case studies (25.00%) Final exam (45.00%)

Course Topics

1. Project Resource Planning and Scheduling

   - Review of basic concepts in project management
   - Resource loading
   - Resource smoothing
   - Resource constrained project scheduling

2. Project Budgeting

   - Preparing project budget estimates
   - Top-down project budget estimates
   - Bottom-up project budget estimates
   - Similar-to project budget estimates
   - Parametric budget estimates

3. Project Performance and Progress Reporting

   Project progress reporting approaches
   Cost performance index

-
-
- Earned value approach Planned
  - and earned values
  - Scheduled and cost variances

4. Project Risk Management

- Project risks types
- Risk identification
- Risk assessment
- Risk response development
- Contingency planning
- Computer simulation in project risk management

5. Project Communication, Organization and Time Management

- Managing project communication
  - Conducting project meetings
  - Project reporting structures
- Managing project time Project
  - time management
  - Project delegation strategies
- Project organization structures
  - Functional project structure
  - Co-ordination project structure
  - Over-lay matrix project structure
  - Secondment project structure
  - Pure projects

6. Advanced Project Management and Control

- Basics steps of theory of constraints
- Drawbacks of traditional project management
- Critical chain concept in project management
- Developing aggressive project schedules using critical chains

7. Special Topics in Project Management

- Designing project contracts
- International projects and site selection
- Project management and environment sustainability

8. Examples of Project Management in Practice

- Information technology
- Construction industry
- Oil industry
- Social events
- Defense
- Government

Methods for Prior Learning Assessment and Recognition

As per TRU Policy

Last Action Taken

Implement by Submission Preview Subcommittee Chair Peggy McKimmon