



## Course Outline

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Management, Information and Supply Chain  
School of Business & Economics  
MNGT 4730 - **3.00** - Academic  
Business Project Management 1

## Rationale

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

## Calendar Description

Students are introduced to the concepts and frameworks of business project management. Topics include an introduction to project management, project life-cycle management, project feasibility, project selection, project scope management, project scheduling, project costing, and project leadership and managing project teams.

## 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. Define a project and project management practice.
2. Explain different phases of the project life cycle.
3. Conduct a project feasibility study.
4. Apply various project selection tools and methodologies.
5. Prepare the project work break-down structure.
6. Develop a project schedule using CPM and PERT techniques.
7. Carry out project expediting by crashing the project activities.

8. Explain various project leadership styles and team motivation strategies.

## Prerequisites

ACCT 2250

ECON 2330-Economics and Business Statistics 2 or  
equivalent

MNGT 3730

## 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(s) 30% (0.00%) Quizzes, assignments, case studies 25% (0.00%) Final exam 45% (0.00%)

## Course Topics

1. Introduction to Project Management

- Definition of project
  - Definition of project management
  - Role of project manager
  - Benefits of project management
  - Project management software
- Historical developments in project management

2. Project Life Cycle Management

- Phases of project life cycle
  - Project concept
  - Project design
  - Project implementation
- Project commissioning
  - Facility life cycle: project life cycle and operational life cycle
  - Project maintenance
  - Project upgrade

Project disposal

### 3. Project Feasibility

- Project stakeholder analysis
- Assessing client needs
- Managing project constraints
- Project options
- Value management

### 4. Project Selection

- Project selection models
  - Payback period model
  - Return on investment model
  - Net present value model
  - Discounted cash flow yield model
  - Project life-cycle cash flows
  - Factor rating model

Break-even analysis on projects

### 5. Project Scope Management

- Project scope planning
- Work break-down structure (WBS)
- Levels in WBS
- Responsibility charts
- Organization business structure

### 6. Project Scheduling

- Preparing project schedules using deterministic approach
  - Critical path method
- Preparing project schedules using probabilistic approach
  - Project evaluation and review technique
- Assessing project completion chances
- Preparing project Gantt Charts

### 7. Project Costing

- Direct and indirect costs
- Time related costs
- Labour costs
- Procurement costs
- Project activity-based costing
- Project expediting using project crashing

### 8. Project Leadership and Managing Project Teams

Project team structure

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- Benefits of team structure
- Project leadership styles
  - Autocratic
  - Consultative
  - Democratic
- Laissez-Faire
- Action-centred leadership
- Maslow's theory of motivation through hierarchy of needs
- Herzberg's motivation and hygiene factors
- Conflict resolution in projects

## **Methods for Prior Learning Assessment and Recognition**

As per TRU Policy

### **Last Action Taken**

Implement by Submission Preview Subcommittee Chair Peggy McKimmon

Current Date: 30-Oct-20