

**Davenport University**  
**Department of Computer Information Science**

1. GPMT287, Principles of Project Management
2. 3 credits
3. Course coordinator: Gabriela Ziegler
4. Textbook  
9781337610117  
Bundle: Contemporary Project Management, Loose-leaf Version, 4th + MindTap  
Business Statistics, 1 term (6 months) Printed Access Card  
Kloppenborg, Timothy J.  
4th / Cengage
5. Specific course information
  - a. Catalog description: Students gain an essential understanding of the discipline and approach to the management of projects in a global environment. Topics explained include project definition, resource planning, project scheduling with Gantt charts, project control, as well as planning and scheduling with limited resources. Topics are explored from both a quantitative and qualitative perspective. Students learn and utilize project software throughout the course. Various techniques used in planning, scheduling, ROI, and controlling projects will be explored and applied through the use of simulations. A \$65.00 simulation access fee is charged in this course.
  - b. Prerequisites: CISP111
  - c. Required course
6. a. Course Learning Outcomes:
  1. Discuss the role of the Project Management Institute (PMI).
    - a. Role of the project manager as outlined by PMI
    - b. Ethical and social responsibilities outlined by PMI
  2. Examine a project life cycle and be able to differentiate its components.
  3. Describe and present a project initiation strategy which includes:
    - a. project selection
    - b. selection of project manager
    - c. project organization
    - d. project planning

- e. Scope definition
- f. negotiation and conflict resolution strategies
- 4. Discuss project implementation strategies by preparing
  - a. budgeting/costs estimates
  - b. schedules
  - c. resource allocation
  - d. information systems
  - e. project control processes
- 5. Summarize project termination procedures including
  - a. project auditing and evaluation
  - b. project termination
  - c. handling unresolved issues
  - d. assessing multicultural issues
- 6. Describe the risk management process and procedures
  - a. Risk evaluation
  - b. Risk matrix

1.

b. Student Outcomes assessed by GPMT287

5. Function effectively as a member or leader of a team engaged in activities appropriate to the program's discipline

c. Mapping of Course Learning Outcomes to Student Outcomes

Course Learning Outcomes 1, 2, 3, 4 & 5 → ABET SO 5

7 Course Content:

Topic or Subtopic (Number of hours devoted to a topic are shown in parenthesis)

- 1. Role of the Project Management Institute and ethical and social responsibilities for project managers (6)
- 2. Project life cycle and be able to differentiate its components (6)
- 3. Project initiation strategy (Selection, organization, planning, scope, negotiation and conflict resolution) (6)
- 4. Project implementation strategies (6)
- 5. Project termination procedures (6)
- 6. Risk management process and procedures (6)

## 7. MS Project and simulation software (7)