

New Jersey Institute of Technology

EM 636-105 Project Management

Course Information

EM-636-105 (CRN: 93173) Project Management – 2023 FALL

Classroom: CKB 317

Time: Tuesday 6:00-8:50PM

Dr. Halil Cobuloglu

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Course Description:

Project Management EM636 (3 Credits)

This is an introduction course to concepts of project management and techniques to accomplish specific project goals. While the focus is on business-oriented technical projects, the principles discussed in this course are applicable to the management of any type of project. The course primarily covers the planning and controlling of resources such as time, budget (cost and cash flow forecasting), human resources, and performance control/monitoring, and documentation.

Course Material:

"Project Management A Systems Approach to Planning, Scheduling, and Controlling"- 12th Edition by Harold Kerzner, Ph. D (ISBN 978-1-119-16535-4)

Course Grading:

Homework Assignments: 30 Points (~5 HW)

Mid-Term: 30 Points

Final: 30 Points

Attendance: 10 Points (2 extra points for full attendance)

Total: 100 Points

No extra credit assignments will be considered

Attendance Policy & Academic Honor Code:

Attendance will be taken for every class. Non-excused absences may result in a grade adjustment, as per college policy. Class honor policy will be consistent with the University's Academic Honor Code. (See <http://www.njit.edu/academics/pdf/academic-integritycode.pdf>).

Homework's are individual assignments and students may NOT collaborate on their respective responses.

Course Cancellation Due to Weather Related or Other Emergencies:

In the event of weather related or other emergency, please contact the college main number to determine if classes are canceled.

Homework Assignments:

All submittals must include the following information:

1. Student Name
2. Date
3. Assignment Title

Homework submittals must be stapled together at the top left-hand corner before being handed in.

Homework assignments are due at the beginning of class for the date they are assigned. Any assignment not handed in at the beginning of class for which they are assigned, will be marked as late. Only complete homework assignments handed in on time will receive full credit.

Late assignments may be handed in within one (1) week of the original due date with a 50% reduction in the grade.

Also, students are responsible for keeping all returned homework assignments for the duration of the semester.

Email Communication Policy:

Please use the text "EM636..." as a subject prefix to ALL email communications and maintain a file copy of the email, in the event of any issue.

Schedule:

Week 1 (Sept 5)

Week 2 (Sept 12)

Course Introduction

Chapter 1 – Overview

Chapter 2 – Project Management Growth

Week 3 (Sept 19)

Chapter 3 - Organizational Structures

Chapter 5 - Management Functions

HW-1 for Week 4

Week 4 (Sept 26)

Chapter 11 - Planning

Chapter 12 - Network Scheduling Techniques

Week 5 (Oct 3)

Chapter 12 - Network Scheduling Techniques

HW-2 for Week 6

Week 6 (Oct 10)

Overview of Midterm exam & exercises

Week 7 (Oct 17)

MID-TERM EXAM (Chapters 1, 2, 3, 5, 11 & 12)

Attendance is Mandatory / No Make-up Exams

Week 8 (Oct 24)

Chapter 19 – Contract Management

Week 9 (Oct 31)

NO CLASS

Week 10 (Nov 7)

Chapter 19 – Contract Management

HW-3 for Week 11

Week 11 (Nov 14)

Chapter 20 - Quality Management

Week 12 (Nov 21)

Chapter 18 – Learning Curves

Chapter 13 – Pricing and Estimating

HW-4 for Week 13

Week 13 (Nov 28)

Chapter 14 - Cost Control

Week 14 (Dec 5)

Chapter 17 - Risk Management

HW-5 for Week 15

Week 15 (Dec 12)

Overview of Final exam & exercises

Week 16 (Dec 19)

FINAL EXAM (Primarily from Chapters 13, 14, 17, 18, 19, 20)

Attendance is Mandatory / No Make-up Exams