

SYLLABUS  
PART I  
EDISON COMMUNITY COLLEGE  
IMT 250S INDUSTRIAL OPERATIONS PROJECT  
3 CREDIT HOURS

**COURSE DESCRIPTION**

Capstone course for the Industrial Operations option of the Industrial Management program, involving a real-world industrial management experience, utilizing the knowledge and experience gained in previous industrial and manufacturing management courses. Students will integrate all problem solving concepts learned in functional core courses. Specifically, they will learn to apply the use of budgeting, operations management, financial accounting, marketing, strategic analysis, forecasting, problem solving, decision making, human resource management, and reporting and public relations. They will experience broad decision-making processes, write reports, and give a culminating presentation. Prerequisites: A grade of “C” or better in IMT 112S, IMT 120S, IMT 130S, IMT 220S, IMT 242S, IMT 244S OR IMT 246S, MGT 110S, MGT 126S, AND MGT 219S. Pre or corequisite: MGT 230S.

**COURSE GOALS**

The student will:

Bloom’s Level		Program Outcomes
5	1. Plan the major activities for the successful completion of the project.	1, 2, 3, 5, 6, 7, 8
4	2. Analyze business case studies and provide recommendations for problem solving project and implementation.	1, 2, 3, 4, 5, 6
3	3. Combine analytic problem solving and decision making processes, lean systems or six sigma.	2, 3, 4
3	4. Demonstrate skills in oral and written communication.	9
3	5. Use good interpersonal skills and interact in a team environment.	10

**CORE VALUES**

The core values are a set of principles, which guide in creating educational programs and environments at Edison. They include communication, ethics, critical thinking, human diversity, inquiry/respect for learning, and interpersonal skills/teamwork. The goals, objectives, and activities in this course will introduce/reinforce these Core Values whenever appropriate.

**TOPIC OUTLINE**

1. Project Planning using MS Project
2. Project Design
3. Project Implementation
4. Final Report and Presentation