

IE 477 Evaluation Chart

1. Project Proposal (25 Pts)
 - a. System description
 - b. Problem definition
Preliminary system analysis, symptoms and complaints, problem definition
 - c. Project outcome and deliverables
 - d. Project plan
Work breakdown structure, work packages, time table
 - e. Report style
 - f. Project proposal presentation
2. Semester Report (50 Pts)
 - a. Brief system description
Provide some general information about the company and describe its service/manufacturing system. A very short description will be sufficient
 - b. System analysis
*-Problem definition
-The objectives and scope of the project
-Analysis and interpretation the data, if collected, during the system analysis*
 - c. Literature review and sector analysis
 - d. Proposed system
*-Inputs and outputs of the proposed system
-Major components (subsystems or elements)
-A simple flowchart that schematically describe inputs and outputs, and the relations between the major elements of the system. (This will provide the conceptual model of the system)*
 - e. Models
*- Describe the models that you have developed for the entire system or for each element of the system
-Validation of these models
- Solution approaches*
 - e. Project plan
*-The summary of project plan that you have followed throughout the first semester
-The project plan for the next semester including
 - Work packages
 - Responsible person/people for each work package
 - The timetable indicating when each work package should be completed should be identified*

f. Report style

g. Presentation

3. Life Long Learning (5 Pts)

Has the team benefited from external resources during the conduct of the project, such as library material, internet, industrial surveys, case studies, etc. beyond the course material?

0 – Not, at all 1 2 3 4 5 – Yes, extensively

This question will be asked to academic and industrial advisors.

4. Professional and ethical responsibility (5 Pts)

a. Has the team misused of their professional knowledge for the benefit of one party?

Yes – 0 No – 1

b. Has the team shared or disclosed organization's proprietary knowledge and/or information?

Yes – 0 No – 1

c. Were all team members respectful to all employees of the organization?

Yes – 1 No – 0

d. Was the team punctual for meetings and pre-specified due dates?

Yes – 1 No – 0

e. Has the team demonstrated any other behavior which hints that they lack professional responsibility and an understanding of professional ethics to carry out their engineering practice?

Yes – 0 No – 1

These questions will be replied by the course coordinators, and academic and industrial advisors.

5. Team Work (5 Pts)

At the end of March, April, and May, each team is required to submit a "Team Work Summary" form. Every page of this form should be signed by each team member and the academic advisor. At the end of the semester, each team member is required to submit the "Peer Evaluation Form". Teamwork performance will be evaluated based on these forms by the course coordinators.

6. Quality of the workmanship (10 Pts)

Please note that the grades of each section has been changed.