

EE 492 ENGINEERING PROJECT – EVALUATION FORM

Evaluator's First and Last Name:

Evaluator's Signature :

Date:

Student's First and Last Name :

The title of the Report :

BASED ON REPORT and PRESENTATION

Subject Comprehension: Subject comprehension of student should be graded based on project report, student presentation and performance. But, usage of English language, assigned subject level, or presentation quality should not be the issue for grading this section.

	95-100 Points	Outstanding: A comprehensive grasp of the subject is demonstrated, including an in-depth understanding of the relevant concepts, theories, and issues related to the topic. All subject related questions are answered with confidence.
	85-94 Points	Excellent: A through grasp of the subject is demonstrated. An ability to make sound critical evaluation of the material is shown. Almost all of questions are answered with confidence.
	75-84 Points	Good: A good grasp of the subject is demonstrated. A good understanding of the relevant issues is shown. Most of the related questions are answered correctly.
	65-74 Points	Above Average: A grasp of the subject is demonstrated. Around half of the questions are answered.
	50-64 Points	Average: A primary grasp of the subject is demonstrated. Few subject related questions are answered correctly.
	40-49 Points	Below Average: An elementary grasp of the subject is demonstrated. Very few subject related questions or elementary questions are answered correctly.
	1-39 Points	Weak: Weak grasp of the subject is demonstrated. Many misconceptions exist. There are difficulties in answering fundamental questions.
	0 Points	Fail: Almost none of the questions is answered and it seems that most of the project is done by somebody else or no presentation is done.

Assigned Subject Level: Assigned subject should be rated according to undergraduate student level in mind.

	1.3	Extremely Difficult: Subject requires a very high level of work and understanding which may be suitable for graduate students.
	1.2	Very Difficult: Subject may be handled by top undergraduate students with strong academic qualifications.
	1.1	Difficult: Project requires considerable work and understanding.
	1.0	Moderately difficult: Project requires average work and understanding.
	0.9	Easy: Project requires some work and understanding.
	0.7	Very Easy: Project or subject requires minor work and understanding.

BASED ON CONCLUSION SECTION OF THE REPORT:

Originality: Student should give detail on the originality of the work in the Conclusion section of the report. Grading of originality would be based on Conclusion section of the report.

	1.2	Outstanding: Significant originality and/or creativity exist in the project. Subject may have a value in industry and/or in science. Publication related to the project has been submitted and attached to the appendix of the report.
	1.1	Excellent: Considerable originality and/or creativity exist in the project.
	1.0	Good: Originality and/or creativity exist in the project.
	0.9	Above Average: Nearly originality and/or creativity exist in the project.
	0.8	Average: Some originality and/or creativity exist in the project.
	0.7	Below Average: Slight originality and/or creativity exist.
	0.6	Weak: Originality and/or creativity do not exist. Knowledge may be gained or ideas may be suggested without any engineering support. Originality or creativity is not mentioned in the Conclusion section of the paper.

Goal Achievement: Student must convince that the outcome of the work is functioning properly. For example, if a circuit or software is designed, either a video or a demonstration is required to show that it is functioning properly. Conclusion section of the report should specify how much of the goal or of the expectations are met with respect to proposal.

	1.2	Outstanding: Work done considerably exceeds the goals of the project.
	1.1	Excellent: Project goals are completely met.
	1.0	Good: Project goals are approached.
	0.9	Average: Project goals partially approached.
	0.8	Below Average: Project goals weakly approached.
	0.7	Weak: Project goals has not been approached at all.

MÜDEK BONUS POINTS:**Based on Conclusion Section of the Report**

Awareness of Standards: Conclusion section of the report must include a paragraph on used or mentioned standards, if any.

6	High: Project uses one or more standards to comply with the requirements of industry.
4	Medium: Project mentions the requirements by the related standards in detail but do not fulfill the requirements.
2	Low: Project names the related standards without any detail.
0	None: Standards are not mentioned in the conclusion at all.

Treatment of Real-Life Constraints (such as economics, environmental problems, sustainability, manufacturability, ethics, health, security, social and politic problems etc.): Conclusion section of the Engineering Report must include a paragraph if treatment of real-life constraints is considered.

6	High: Real-life constraints are clearly specified in detail and achievement of these constraints revealed in the report.
4	Medium: Real-life constraints are specified but partial achievement is reported.
2	Low: Real-life constraints are mentioned but not specified in detail.
0	None: Real-life constraints are not mentioned at all.

PRESENTATION BONUS POINTS:**English Language Usage:**

6	Outstanding: Proficiency level. Uses language as a native English Language speaker.
5	Excellent: Advanced level. Uses language easily and fluently.
4	Good: Upper intermediate level. Uses language effectively and with confidence.
3	Average: Intermediate level. Uses language with some confidence.
2	Below Average: Pre-intermediate level. Understandable but many pronunciation mistakes exist.
1	Weak: Elementary level. Reads mostly. Has difficulties in understanding questions. Struggles in using the language.

Organization of Presentation:

6	Outstanding: Obeyed all the rules for a presentation, slides and presentation quality are perfect.
5	Excellent: Obeyed all the rules for a presentation, slides and presentation quality are excellent.
4	Good: Most of the rules are obeyed, slides and presentation quality are good.
3	Average: Half of the rules are obeyed, slides and presentation quality are ordinary.
2	Below Average: Few rules are obeyed, slides and presentation quality are below ordinary.
1	Weak: No rules are obeyed, slides and presentation quality are not good.

SUMMARY TABLE of POINTS for EE 492 Engineering Project

Comprehension and Subject Level		Goal and Originality/Creativity		MÜDEK Bonus Points		Presentation Bonus Points	
Subject Comprehension	Assigned Subject Level	Originality	Goal Achievement	Awareness of Standards	Treatment of Real-Life Constraints	English Language Usage	Organization of Presentation