



Yaşar University

Faculty of Engineering

Department of Energy Systems Engineering

ESE 4910 - Energy Systems Analysis: Evaluation Forms

EVALUATION TYPE	CATEGORIES	GRADING	Student Name
PROPOSAL	Cover Page with Title, Name, Advisor	5	
	Problem Definitions/ Introduction (1 or 2 paragraphs)	10	0
	1. Summarize the problem	6	
	2. Describe format/outline of the proposal (sections, etc.)	4	
	Preliminary Background Study (1 to 3 paragraphs)	20	0
	1. What is the history of the problem ?	5	
	2. Why is this problem interesting ?	5	
	3. When and why does the problem occur ?	5	
	4. Is the problem already solved ? What is done now ?	5	
	Project Objectives and Scopes (2 paragraphs)	20	0
	1. What in general will this project achieve? (Do not delve into details or timelines.)	20	
	Project Details	30	0
	1. General Work Procedures (1-2 paragraphs + figures) - A brief statement of the methodology for the realization of the project. - It could define the general approach to how the project and its output(s) will be realized	10	
	2. Implementation Issues and Challenges (1-2 paragraphs) - What will be the most difficult issues and challenges in the implementation ? - What makes your project unique ?	10	
	3. Timeline (1 paragraph Gantt Chart form) - Provide an estimated timeline of project deliverables and important dates.	10	
	Conclusion (1 paragraph)	10	0
	Summarize the project including the problem, motivation, and proposed solution (if any).	10	
References	5	0	
List references used to compile proposal and references that will be used for project (if already known).	5		
	SUM	0	
FINAL REPORT	Format	15	0
	1. Title page, Table of Contents, List of Tables, List of Figures, Abstract, Keywords	3	
	2. Figure and Table captions, Quality of drawings	3	
	3. Use of English	7	
	4. Citations and references	2	
	Content	85	0
	1. Introduction	5	
	2. Turkish Sectoral Status of the Factory/Plant	5	
	3. Some Energetic Studies	40	0
	3.1. Calculating the tons of oil equivalent (TOE) value	4	
	3.2. Establishing an energy baseline	8	
	3.3. Determining the significant energy users	8	
	3.4. Drawing an energy flow diagram	10	
	3.5. Tabulating inlet/outlet stream values	10	
	4. Energy Analysis of the Selected Process/Equipment/Component	30	
	5. Conclusions	5	
		SUM	0
PRESENTATION	Organization	25	0
	1. Objectives/goals are clearly stated	5	
	2. Methods are appropriate for achieving goals	5	
	3. Results are clearly presented	5	
	4. Thoughts and ideas flow in a logical manner	5	
	5. Results accomplish the purposes of the project	5	
	Neatness (Neatness of charts and graphs)	25	0
	1. Neat slides	12,5	
	2. Visual materials are easy to read	12,5	
	Knowledge of Material (Familiarity with subject matter)	25	0
	1. Exhibits knowledge of subject matter	12,5	
	2. Answers questions with confidence	12,5	
	Oral Presentation	25	0
	1. Exhibits good body posture	8	
2. Maintains good eye contact with audience	8		
3. Good diction; good articulation	9		
	SUM	0	
	TOTAL	0	