Yaşar University
Faculty of Engineering
Department of Energy Systems Engineering

ESE 4920 - Energy Systems Design Project: Evaluation Forms

EVALUATION TYPE	CATEGORIES	GRADING	Student Name
FINAL REPORT	**Format**	**15**	
	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**	
	1. Perform detailed exergy calculations of a selected process in the whole process line	20	
	2. Determine at least 2 energy saving opportunities (1 electrical and 1 thermal) for the selected factory by performing necessary calculations	25	
	3. Identify and propose a state-of-the-art technology for the studied factory/plant (either for the production line and/or for auxiliary units (i.e. power/steam generation, compressed air, boiler, etc.)) and calculate its energy savings and ROI.	20	
	4. Develop a renewable energy solution to supply part of the energy need (electrical and/or thermal) for the factory/plant. Technical, economic and environmental aspects must be studied	20	
		100	
POSTER PRESENTATION	**Organization**	**25**	
	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**	
	1. Neat slides	12,5	
	2. Visual materials are easy to read	12,5	
	Knowledge of Material (Familiarity with subject matter)	**25**	
	1. Exhibits knowledge of subject matter	12,5	
	2. Answers questions with confidence	12,5	
	Oral Presentation	**25**	
	1. Exhibits good body posture	8	
	2. Maintains good eye contact with audience	8	
	3. Good diction; good articulation	9	
		100	