

**King Saud University
College of Engineering
Electrical Engineering Department**

EE 496	Midterm Assessment Form
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Examination Date:	
Student Name:	
Student ID Number:	
Student Phone:	
Student Email:	
Project Title	

	Items	Details	Student Learning Outcome	Mark	Grade
1	Progress Report	<ul style="list-style-type: none">• Defining motivation and background• Literature survey• Design objectives, constraints, problem statement and formulation	SO2, SO3, SO4	10	
2	Engineering Design and Discussion	<ul style="list-style-type: none">• Team work• Project planning to ensure project completion on time and within budget• Scientific and engineering knowledge	SO2, SO5	10	
Total Assessment				20	

Comments

Examiner Name	
Signature	

EE 496	Supervisor Assessment Form
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Examination Date:	
Student Name:	
Student ID Number:	
Student Phone:	
Student Email:	
Project Title	

	Items	Details	Student Outcomes	Mark	Grade
1	Design Criteria	<ul style="list-style-type: none"> • Identifying the need and motivation for a realistic design problem. • Defining design objectives, constraints, evaluation criteria. • Reformulating the problem based on design iterations 	SO2, SO3, SO4	10	
2	Engineering Tools & Analysis	<ul style="list-style-type: none"> • Identifying modern engineering tools (software and/or hardware) to estimate the performance and solve the problem. • Project planning using standard planning techniques to ensure project completion on time and within budget 	SO2, SO6	10	
3	Deliverables	<ul style="list-style-type: none"> • Solution development and illustration of intended iterative design process • Initial deliverable (product, solution, prototype) verification/validation 	SO1, SO2, SO4	10	
4	Work Attitude	<ul style="list-style-type: none"> • Independence, team interaction, enthusiasm • Professional and ethical responsibility 	SO4, SO5, SO7	10	
Total Assessment				40	

Comments

Supervisor 1	Supervisor 2
Name:	Name
Signature	Signature

King Saud University
College of Engineering
Electrical Engineering Department

EE 496	Examiner Assessment Form
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Examination Date:	
Student Name:	
Student ID Number:	
Student Phone:	
Student Email:	
Project Title	

	Items	Details	Student Outcomes	Mark	Grade
1	Report	<ul style="list-style-type: none"> • Organization, formatting, and writing style • Scientific ethics. • Illustration of solution development • Illustration of design process • Results reporting 	SO1, SO2, SO4 SO6	10	
2	Presentation & Discussion	<ul style="list-style-type: none"> • Organization and Presentation skills • Scientific and engineering knowledge of contemporary issues • Recognition of need to continue learning 	SO1, SO3, SO4 SO7	10	
3	Engineering Design & Analysis	<ul style="list-style-type: none"> • Use of modern engineering tools • Iterative design process • Initial data analysis and interpretation. • Verification/validation 	SO2, SO4, SO6	10	
4	Work Attitude & Deliverables	<ul style="list-style-type: none"> • First phase of the project is performed as planned and within the budget • Team work • Quality of initial deliverable (product, solution, prototype) 	SO2, SO4, SO5 SO7	10	
Total Assessment				40	

Comments

Examiner Name	
Signature	

**King Saud University
College of Engineering
Electrical Engineering Department**

EE 496	Assessment Report
Exam Date	

	Student Name	Student ID Number	Classwork Assessment			Exam Committee Assessment (40)	Total (100)	Grade
			Midterm (Average) (20)	Supervisors Assessment (Average) (40)	Classwork Total (60)			
1								
2								
3								
4								

	Examiner 1	Examiner 2	Examiner 3
Name			
Signature			

Comments:

Approved Department Chair

Name: Abdulhameed Al-Sanie Signature:.....

Student outcomes

SO1	An ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.
SO2	An ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.
SO3	An ability to communicate effectively with a range of audiences.
SO4	An ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.
SO5	An ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.
SO6	An ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.
SO7	An ability to acquire and apply new knowledge as needed, using appropriate learning strategies.

	Questions	Marks	SO1	SO2	SO3	SO4	SO5	SO6	SO7	Notes
MidTerm I	Q1	10		60	20	20				
	Q2	10		60			40			
MidTerm II	Q1	10		60	20	20				
	Q2	10		50				50		
	Q3	10	60	20		20				
	Q4	10				30	40		30	
Final	Q1	10	30	20		20		30		
	Q2	10	40		20	20			20	
	Q3	10		20		20		60		
	Q4	10		30		20	30		20	