

## Senior Design Project Proposal Form – Orientation Semester (Form A)

(To be filled in by MPA)

Orientation Semester/Year .....

Title of the Project  
(Tentative) .....

Main project Advisor's  
Name .....

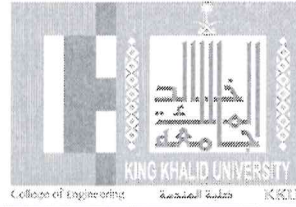
Required Specializations .....

Advisory Committee  
1.....Main project Advisor (MPA)  
2.....Supporting Advisor  
3.....Supporting Advisor

Earlier Courses integrated  
in the project (Specify  
course number) .....

List all engineering  
standards need to be  
considered in the project .....

List all applicable realistic  
constraints need to be  
considered in the project .....



## Senior Design Project Proposal Form

Description:.....

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Objectives:.....

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Special Requirements:.....

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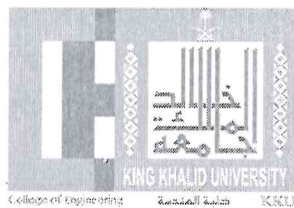
Requirements for Senior project		
Ensure Components	Task/Descriptions	Confirm
Classification of Design of an Engineering Product	System/Component/Process	
Use of Engineering Standards	Provide a list of standards (IEEE, SCE, NSPE, .....)	
Enough Realistic Constraints	Economic, safety, ethics, social impact, .... etc.	
Implementation Strategy	Case studies/lab experiments/other	
A physical Product or prototype will be built by the end of the project	Yes/No	

Name of the Main project Advisor (MPA)

Signature and date

.....

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## Graduation Project Team Form – Orientation Semester (Form B)

Orientation Semester/Year.....

Title of the project (Tentative):.....

Advisory Committee (Max. Three)

- Main project Advisor (MPA):.....
- Committee Member : .....
- Committee Member : .....

### Students Information

ID	Name	GPA	SP

Name of the Main project Advisor (MPA)

.....

Signature and date

.....



## Senior Design Project Weekly Meetings Attendance Sheet 1<sup>st</sup> and 2<sup>nd</sup> Semester – Form C

Project Title:.....

Main project Advisor:.....Semester/Year:.....

Student's Name:.....Student ID:.....

No.	Advisor Name	Signature	Date



## First Semester Relative Contribution of Team Members – Form D1

Semester/Year.....

### Students Information

ID	Name	ID	Name

Who Did What? (Each student will write his contribution):

No	Task Description	Percentage of task done by each student											
1	Coordination with a company												
2	Problem definition and constraint statements												
3	Literature review												
4	Statement of objectives												
5	Design quality evaluation criterion												
6	Codes/local laws and analyzing professional ethics												
7	Project schedule												
8	Feasibility of alternatives												
9	Conceptual design												
10	Design impact analysis												
11	Conceptual design												
12	Economical/environmental/safety impact assessment												
13	Design code requirements												
14	Teamwork												
15	Presentation Form D3												
16	Numerical/laboratory experimentation plan												

N.B.: Each student will be asked questions in the presentation based on his contribution.



## First Semester Assessment- Form D2

Semester/Year.....

(Each Examiner will fill this form for each student)

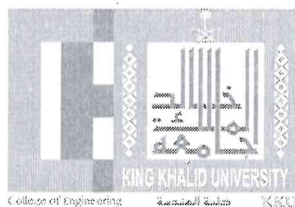
Give scores out of 100 keeping in view the contribution from Form D1

Task ID	Task Description	Score out of 100
1	Coordination with a company	
2	Problem definition and constraint statements	
3	Literature review	
4	Statement of objectives	
5	Design quality evaluation criterion	
6	Codes/local laws and analyzing professional ethics	
7	Project schedule	
8	Feasibility of alternatives	
9	Conceptual design	
10	Design impact analysis	
11	Conceptual design	
12	Economical/environmental/safety impact assessment	
13	Design code requirements	
14	Teamwork	
15	Presentation Form D3	
16	Numerical/laboratory experimentation plan	

(Note: Average of three examiners will be used to fill in the marks for each student in CLOSO Project Template file. All the processing will be done by CLOSO.)

Evaluated by:

Name:.....Signature:.....Date:.....



## First Semester Oral Presentation Evaluation- Form D3

Semester/Year.....

(Each Examiner will fill this form for each student)

ITEM EVALUATED	Wt. (%)	Score %
<b>I. GROUP PRESENTATION</b>		
1.Introduction of each member/ Clothing appropriate	2	
2.Member participation	2	
3.Continuity of presentation	2	
4.Voice, eye contact, and movement	2	
5.Costume, and facial expressions	2	
<b>GROUP PRESENTATION SUBTOTAL</b>	<b>10</b>	
<b>II. CONTENT</b>		
1.Problem definition	5	
2.Permitting process/ Initial site plan	5	
3.Feasibility of alternatives	5	
4.Impact of design on competitors	5	
5.Use of National Standards	5	
6.Use of international Standards	5	
<b>CONTENT SUBTOTAL</b>	<b>30</b>	
<b>III. GRAPHICS-ORAL PRESENTATION</b>		
1.Use of Visuals	5	
2.Adequate number of visuals/Quality of visuals	5	
<b>GRAPHICS-ORAL PRESENTATION SUBTOTAL</b>	<b>10</b>	
<b>IV. QUESTIONS-ORAL</b>		
1.Questions related to project assignment	50	
<b>QUESTIONS-ORAL SUBTOTAL</b>	<b>50</b>	
<b>TOTAL PRESENTATION GRADE</b>	<b>100</b>	
*Student who fails to answer question in IV receive grade "F" for the entire oral presentation		

**Evaluated by:**

Name:.....Signature:.....Date:.....

## Second Semester Relative Contribution of Team Members – Form E1

Semester/Year.....

### Students Information

ID	Name	ID	Name

### Who Did What? (Each student will write his contribution):

No.	Task Description	Percentage of task done by each student											
1	Weekly meetings with advisor-team progress												
2	Schedule of project deliverables												
3	Team work abilities-log sheets												
4	Identify and formal ate problem												
5	Design with constraints												
6	Laboratory/Numerical Experiments, data collection and analysis												
7	Application of codes in design												
8	Consideration of local laws in design												
9	Economical-Environmental Impact and Contemporary issues												
10	Ethical decisions in design												
11	Data and information obtained from internet and Library												
12	Cost considerations in the project												
13	Project Schedule												
14	Final Report Form E2												
15	Poster summarizing the project												
16	Group presentation Form E3												

N.B.: Each student will be asked questions in the presentation based on his contribution.



## Second Semester Design Report Evaluation- Form E2

Semester/Year.....

(Each Examiner will fill this form for each student)

Student's Name:.....

ITEM EVALUATED	Wt. (%)	Score %
I. FORMAT		
1.Spelling-Grammar-Proper sentences	3	
2.Figures-Equations-Diagrams	3	
3.Quality of graphics	2	
4.Adherence to required format	2	
Format SUBTOTAL	10	
II. DESIGN REPORT CONTENTS		
1. Title, Approval, Dedications, and Acknowledgement pages	5	
2. Abstract <ul style="list-style-type: none"> <li>What was the problem?</li> <li>What methods were used to solve the problem?</li> <li>What are the results?</li> <li>What are the major conclusions?</li> <li>What are your recommendations?</li> </ul>	5	
3.Table of contents-List of Figures/Tables	5	
4.Design problem definition	5	
5.Problem analysis	10	
6.National/ International standards implemented	5	
7. Computer Analysis/ Modeling carried out	10	
8.Feasibility of results	5	
9. Cost analysis / Modeling analysis	10	
10.Environmental Risk Assessment	5	
11.Other Risk Assessment	5	
12. Detailed professional presentation of drawings/design	10	
13. Conclusions/ Recommendations	5	
14. References and Appendices	5	
DESIGN REPORT CONTENTS SUBTOTAL	90	
TOTAL REPORT GRADE	100	

Evaluated by:

Name: .....Date:.....

Signature:.....

## Oral Presentation Evaluation- Form E3

Semester/Year.....

(Each Examiner will fill this form for each student)

ITEM EVALUATED	Wt. (%)	Score %
I. GROUP PRESENTATION		
1.Introduction of each member/ Clothing appropriate	2	
2.Member participation	2	
3.Continuity of presentation	2	
4.Voice, eye contact, and movement	2	
5.Gesture, and facial expressions	2	
GROUP PRESENTATION SUBTOTAL	10	
II. CONTENT		
1.Problem definition	5	
2.Reserach/Design methodology	10	
3.National/International Standards used	5	
4.Assumptions for research/design methodology	5	
5.Conclusions	5	
CONTENT SUBTOTAL	30	
III. GRAPHICS-ORAL PRESENTATION		
1.Use of Visuals	5	
2.Adequate number of visuals/Quality of visuals	5	
GRAPHICS-ORAL PRESENTATION SUBTOTAL	10	
IV. QUESTIONS-ORAL		
1.Questions related to project assignment	50	
QUESTIONS-ORAL SUBTOTAL	50	
TOTAL PRESENTATION GRADE	100	
*Student who fails to answer question in IV receive grade "F" for the entire oral presentation		

Evaluated by:

Name: ..... Date:.....

Signature:.....



## Project Second Semester Grade Report - Form E4

(Each Examiner will fill this form for each student)

Student's Name:.....

Note: Each examiner will give scores out of 100 for each task/item keeping in view the contribution as given in Form E1

Task ID	Task Description	Score out of 100
1	Weekly meetings with advisor-team progress	
2	Schedule of project deliverables	
3	Team work abilities-log sheets	
4	Identify and formal ate problem	
5	Design with constraints	
6	Laboratory/Numerical Experiments, data collection and analysis	
7	Application of codes in design	
8	Consideration of local laws in design	
9	Economical-Environmental Impact and Contemporary issues	
10	Ethical decisions in design	
11	Data and information obtained from internet and Library	
12	Cost considerations in the project	
13	Project Schedule	
14	Final Report Form E2	
15	Poster summarizing the project	
16	Group presentation Form E3	

(Note: Average of three examiners will be used to fill in the marks for each student in CLOSO Project Template file. All the processing will be done by CLOSO.)

Evaluated By:

Name:.....

Signature:.....

Date:.....