

# Direct Assessment of Senior Designs

Department of Electrical Engineering

**Name of Evaluator:** \_\_\_\_\_

Please indicate your rating on each learning dimension on a scale of 1 to 5, with larger number indicating higher achievement. **While assessing the students' oral and written communication skills, please take into account the organization of their presentation, interaction with audience, and the quality of slides prepared.**

## **Team 1:**

Team Member:

Quality of Project Design and Testing	Teamwork	Written and Oral Communication Skills (Organization of Presentation, Interaction with Audiences, and Slides)	Ethical and Professional Issues	Contemporary Issues	Engineering Standards	Realistic Constraints

## **Team 2:**

Team Member:

Quality of Project Design and Testing	Teamwork	Written and Oral Communication Skills (Organization of Presentation, Interaction with Audiences, and Slides)	Ethical and Professional Issues	Contemporary Issues	Engineering Standards	Realistic Constraints

### **Team 3:**

Team Member:

<b>Quality of Project Design and Testing</b>	<b>Teamwork</b>	<b>Written and Oral Communication Skills (Organization of Presentation, Interaction with Audiences, and Slides)</b>	<b>Ethical and Professional Issues</b>	<b>Contemporary Issues</b>	<b>Engineering Standards</b>	<b>Realistic Constraints</b>

### **Team 4:**

Team Member:

<b>Quality of Project Design and Testing</b>	<b>Teamwork</b>	<b>Written and Oral Communication Skills (Organization of Presentation, Interaction with Audiences, and Slides)</b>	<b>Ethical and Professional Issues</b>	<b>Contemporary Issues</b>	<b>Engineering Standards</b>	<b>Realistic Constraints</b>

### **Team 5:**

Team Member:

<b>Quality of Project Design and Testing</b>	<b>Teamwork</b>	<b>Written and Oral Communication Skills (Organization of Presentation, Interaction with Audiences, and Slides)</b>	<b>Ethical and Professional Issues</b>	<b>Contemporary Issues</b>	<b>Engineering Standards</b>	<b>Realistic Constraints</b>

## Grading Guide Line

	<b>Unsatisfactory 1</b>	<b>Beginning 2</b>	<b>Developing 3</b>	<b>Satisfactory 4</b>	<b>Exemplary 5</b>
<b>Quality of Project Design and Testing</b>	Poor design; Information of little value or irrelevance. Problem not well defined.	Design is not adequate; Design is not justified.	Design is adequate, but not outstanding; Design not justified.	Project is well-designed with minor exceptions; conducted and presented professionally.	Project is well-designed, conducted and presented professionally.
<b>Teamwork</b>	No knowledge of entire project is evident in student's presentation. Student's own contribution is unclear and the team seems ineffective.	Very little knowledge of entire project is evident in student's presentation. Student's own contribution is unclear and the team seems ineffective.	Presentation demonstrates a vague knowledge of entire project. Student's own contribution is not always clear and there is little evidence of effective teamwork.	Presentation demonstrates some knowledge of entire project. Student's own contribution is stated and there is some evidence of effective teamwork.	Presentation demonstrates clear knowledge of entire project. Student's own contribution is clearly denoted; highly effective teamwork is evident.
<b>Written and Oral Communication Skills (Organization of Presentation, Interaction with Audience, and Slides)</b>	Audience cannot understand the presentation because there is no sequence of information. No text or graphics in presentation slides. Reads most of the presentation slides with no eye contact with audience.	Difficulty in understanding presentation due to the introduction is undeveloped and main points are unclear. Presentation was dominated with either text or graphics. Low voice with some distracting filler words and gestures. Occasional eye contact with audience.	Difficulty following presentation due to poor organization; some of the main points are unclear with graphics misused. Occasional eye contact with some audiences; mostly read presentation from slide; responded briefly to audience questions.	Satisfactory organization with clear introduction and main points are well stated. Presentation had good balance of text and visual graphics. Maintains good eye contact with audience and generally aware of the audience reactions.	Superb organization; Clear introduction and main points, with each leading to the next point of the talk. Had good balance of text and graphics and were used appropriately. Kept the audience engaged throughout the presentation and responded to the audience questions in a professional manner.

<b>Ethical and professional issues</b>	No idea of professional/ethical issues.	Knows professional/ethical issues.	Can relate the professional/ethical issues to the project.	Can cite a few professional/ethical examples.	Can discuss the issues logically
<b>Contemporary Issues</b>	No idea of the Contemporary issues	Knows the contemporary issues	Can cite an example issue as related to their project.	Can cite a few examples as related to their project.	Can discuss the issues logically.
<b>Engineering Standards</b>	No idea of Engineering standards	Knows engineering standards	Can cite an example of engineering standard	Can cite a few examples as related to their projects	Can discuss engineering standards and cite how they relate to their projects
<b>Realistic Constraints</b>	No idea of realistic constraints related to the project	Knows realistic constraints related to the project	Can cite an example of realistic constraints related to the project	Can cite a few examples as related to their projects	Can discuss realistic constraints and cite how they relate to their projects

**Comments:**