ENGINEERING 4557: DIGITAL COMMUNICATIONS
STUDENT GRADUATE INDICATOR ASSESSMENT SHEET

STUDENT NAME:
ID:
Date:
AU (Math:BS:CS:ES:ED):   45 (0:0:0:32:13)

SE indicator IDs assessed by this course:
- **SEGAI 1:10:** Demonstrated knowledge of computer networks and communications.
- **SEGAI 7:1:** Ability to write clear precise reports, in a format appropriate to the purpose of the report, and free of spelling and grammatical error.
- **SEGAI 7:2:** Ability to use high quality drawings, graphs and other figures in design report documentation.
- **SEGAI 7:3:** Ability to make an oral presentation with good use of audio/visual aids, clear logical language, poise, and audience engagement in the presentation and in the answering of questions.

AU Type	Indicator ID	SLO ID	SLO	Assessment Tool	Mark (%)	Indicator Mark
ES	**SEGAI 1:10**			Assessment of midterm and final exams		
		SEGAI 1:10 Indicator Contribution from Engi 4557				
ED	**SEGAI 7:1**	ENGI 4557:?	Write clear precise reports in a format appropriate to the purpose of the report and free of spelling and grammatical error.	Evaluation of project reports using project Rubric Item 7.1.		
		SEGAI 7:1 Indicator Contribution from Engi 4557				
ED	**SEGAI 7.2**	ENGI 4557:?	Use high quality drawings, graphs and other figures in the project report documentation	Evaluation of project reports using project Rubric Item 7.2.		
		SEGAI 7.2 Indicator Contribution from Engi 4557				
ED	**SEGAI 7.3**	ENGI 4557:?	*Present and demonstrate* the completed project to all stakeholders including the peer students and the instructor.	Evaluation of the demo and the oral presentation using project Rubric Item 7.3.		
		SEGAI 7.3 Indicator Contribution from Engi 4557				

Rubrics for Communication skills

SEGAI 7.1 Ability to write clear precise reports, in a format appropriate to the purpose of the report, and free of spelling and grammatical error (**Written communication).**

SEGAI 7.2 Ability to use high quality drawings, graphs and other figures in design report documentation (**Graphical communication).**

SEGAI 7.3 Ability to make an oral presentation with good use of audio/visual aids, clear logical language, poise, and audience engagement in the presentation and in the answering of questions (**Oral communication and inter-personal skills).**

Graduate Attribute 7 - Written Communication Skills					
Aspect/Level	1	2	3	4	5
Presentation of idea and organization of document SEGAI 7.1(a)	Bland presentation; sequencing and pace of topics seems random; doesn't lead up to any clear conclusions	Some of the ideas are presented well; others are lacking; offers plausible conclusions	Ideas are well organized and help the reader move along; the key points are presented but does not demonstrate in-depth understanding; leads up to convincing conclusion(s);	The document is clear and focused; relevant, quality details give the reader important information; helps the reader develop *insight* into the topic.	Innovative and creative document free of syntax errors
Formatting and style SEGAI 7.1(b)	Occasional problems with grammar, word choices, and sentence structure, leaving the reader unsure of the meaning; often resorts to jargon/ clichés;	Words and sentences are adequate in general but lack energy; reader has to struggle to keep reading to the end;	Good writing style; sentences flow smoothly and evenly;	Compelling writing style; connects strongly with the reader and keeps him or her engaged right to the end.	
Assessment of: Ability to write clear precise reports, in a format appropriate to the purpose of the report, and free of spelling and grammatical error. SEGAI 7.1	An overall average of the above measures				

Graduate Attribute 7 - Graphical Communication Skills					
Aspect/Level	1	2	3	4	5
Ability to use high quality drawings, graphs and other figures in design report documentation. SEGAI 7.2	Used crayons.	Many deficiencies in the formatting of design graphics or other figures.	Some deficiencies in the formatting of design graphics or other figures.	Well formatted design graphics and other figures, prepared using usual features of graphics software.	Professional quality design graphics or other figures, making use of advanced features of drawing software.

Graduate Attribute 7 - Oral Communication Skills					
Aspect/Level	**1**	**2**	**3**	**4**	**5**
Organization **SEGAI 7.3.a**	Organization is very poor or completely absent. Hard or impossible to tell apart introduction from main points, or to determine the student's contribution to the project.	Audience has difficulty following presentation because of some abrupt jumps; some of the main points are unclear or not sufficient stressed.	Satisfactory organization; clear introduction; main points are well stated, even if some transitions are somewhat sudden; relation to the rest of the team's presentation clear.	Good organization, each section is clearly identified, serves its purpose, and flows naturally into the following one. The contribution to the entire project is clearly explained.	Superb organization; builds on and provides support for the rest of the team's presentation; main points well stated and argued, with each leading to the next point of the talk.
Mechanics **SEGAI 7.3.b**	Slides seem to have been cut-and pasted together haphazardly at the last minute; numerous mistakes; speaker not always sure what is coming next;	Slides are poorly-designed and hard to read. The content cannot be easily understood. There are no glaring mistakes.	Adequate slides. They can be read and understood, but no real effort was made into creating truly effective slides.	Generally good set of slides; conveys the main points well;	Very creative slides; carefully thought out to bring out both the main points of this part of the presentation as well as the relation to the rest of the team presentation; maintains audience interest throughout.
Delivery **SEGAI 7.3.c**	Mumbles the words, audience members in the back can't hear anything; too many filler words; distracting gestures;	Low voice, occasionally inaudible; some distracting filler words and gestures; articulation mostly, but not always, clear;	Clear voice, minimal distracting gestures and filler words, but monotonous and uninteresting delivery.	Interesting and engaging presentation, use of gestures, volume and pace to enhance rather than distract from delivery.	Natural, confident delivery that does not just convey the message but enhances it.
Relating to audience **SEGAI 7.3.d**	Reads most of the presentation from the slides or notes with no eye contact with audience members; seems unaware of audience and their reactions; ignores questions from audience.	Occasional eye contact with audience but mostly reads the presentation; minimal awareness of the audience; only brief responses to audience questions;	Generally aware of the reactions of at least some of the audience. Maintains good eye contact for most of the presentation. Answers questions on the presentation correctly but stumped by more difficult questions.	Aware of the audience and adjusts the presentation delivery based on their reactions. Able to answer and discuss some unexpected questions.	Keeps the audience engaged throughout the presentation; modifies material on-the-fly based on audience questions and comments; keenly aware of audience reactions.
Contribution as a team member **SEGAI 7.3.e**	Seems to have no interest in the presentations by the other members of the team; occasionally interrupts or gets into arguments with the other members.	Mainly focused on his/her portion of the presentation; responds when another team member asks him/her a direct question but otherwise does not attempt to help other team members address audience questions.	Occasionally contributes to the team by volunteering information to help the rest of the team respond to audience questions, but does not seem well aware of other team members' work. Alternatively, is aware of the other team members' work and tries to contribute to their presentation in a way that becomes disruptive and uncoordinated.	Good team player. Is interested in the presentations by the other team members; makes a definite effort to ensure the success of the team without becoming disruptive.	Superb team player. Goes out of his way to help the rest of the team in any way he can to address audience questions, get over glitches during their presentations, etc., but doing all this as unobtrusively as possible.
Assessment of Oral Presentation skills **SEGAI 7.3**	An overall average of the above measures.				