

Communication Theory

08/23/2022



Program/Course Assessment - Electronic Engineering Technology (AS)

ELET245N:Communication Theory

<i>Course Competencies</i>	<i>Assessment Methods</i>	<i>Results</i>	<i>Use of Results</i>
1. Electronic Communications - Understand the basics of Electronic Communications and Digital Communications. Course Competency Status: Active Assessment Cycles: 2017 - 2018 (Spring), 2021-2022 (Spring)	Series of Assignments - Exam(s), in addition to Laboratory Assignment(s) and Homework Assignment(s) contribute to assessing student performance for this point of learning (POL) *Criterion: Average of POL for all students >= 7.0 out of 10.0	Reporting Period: 2021-2022 (Spring) Result Type: Criteria Not Met Average of POL for all students = 4.87 out of 10.00 (06/07/2022) Total # of Students Assessed: 3 Related Documents: ELET245N Section 1 Assessment Spring 2022.docx ELET245N Section 1 Grades Spring 2022.xlsx EET Assessment Report 5-31-22.docx	Use of Results: See "Related Documents" under Results for more information. (06/08/2022)
		Reporting Period: 2017 - 2018 Result Type: Criteria Met Average of POL for all students = 8.60 out of 10.00 (08/10/2018) Total # of Students Assessed: 9 Related Documents: ELET245N-A_S2018_Assessment.docx ELET241N-1_Grades-Spring2018.xlsx	Use of Results: See "Related Documents" under Results for more information. (08/10/2018)
	Series of Assignments - Exam(s), in addition to Laboratory Assignment(s) and Homework Assignment(s) contribute to assessing student performance for this point of learning (POL) *Criterion: 70% of students achieve >= 7.0 out of 10.0	Reporting Period: 2021-2022 (Spring) Result Type: Criteria Not Met 33.33% (06/07/2022) Total # of Students Assessed: 3 # of Students Meeting Criteria: 1 Related Documents: ELET245N Section 1 Assessment Spring 2022.docx ELET245N Section 1 Grades Spring 2022.xlsx EET Assessment Report 5-31-22.docx	Use of Results: See "Related Documents" under Results for more information. (06/08/2022)

Course Competencies	Assessment Methods	Results	Use of Results
<p>2. Modulation and multiplexing - Explain the fundamentals of Amplitude Modulation (AM), Frequency Modulation (FM) and know the differences between time division multiplexing, frequency division multiplexing and digital modulation.</p> <p>Course Competency Status: Active Assessment Cycles: 2017 - 2018 (Spring), 2021-2022 (Spring)</p>	<p>Series of Assignments - Exam(s), in addition to Laboratory Assignment(s) and Homework Assignment(s) contribute to assessing student performance for this point of learning (POL) *Criterion: Average of POL for all students >= 7.0 out of 10.0</p>	<p>Reporting Period: 2021-2022 (Spring) Result Type: Criteria Met Average of POL for all students = 7.32 out of 10.00 (06/07/2022) Total # of Students Assessed: 3 Related Documents: ELET245N Section 1 Assessment Spring 2022.docx ELET245N Section 1 Grades Spring 2022.xlsx EET Assessment Report 5-31-22.docx</p>	<p>Use of Results: See "Related Documents" under Results for more information. (06/08/2022)</p>
		<p>Reporting Period: 2017 - 2018 Result Type: Criteria Met Average of POL for all students = 8.44 out of 10.00 (08/10/2018) Total # of Students Assessed: 9 Related Documents: ELET245N-A_S2018_Assessment.docx ELET241N-1_Grades-Spring2018.xlsx</p>	<p>Use of Results: See "Related Documents" under Results for more information. (08/10/2018)</p>
	<p>Series of Assignments - Exam(s), in addition to Laboratory Assignment(s) and Homework Assignment(s) contribute to assessing student performance for this point of learning (POL) *Criterion: 70% of students achieve >= 7.0 out of 10.0</p>	<p>Reporting Period: 2021-2022 (Spring) Result Type: Criteria Not Met 66.66% (06/07/2022) Total # of Students Assessed: 3 # of Students Meeting Criteria: 2 Related Documents: ELET245N Section 1 Assessment Spring 2022.docx ELET245N Section 1 Grades Spring 2022.xlsx EET Assessment Report 5-31-22.docx</p>	<p>Use of Results: See "Related Documents" under Results for more information. (06/08/2022)</p>
<p>3. Transmission Lines - Explain the basics of transmission line theory and perform communication circuit analysis using computer simulations.</p> <p>Course Competency Status: Active Assessment Cycles: 2017 - 2018 (Spring), 2021-2022 (Spring)</p>	<p>Series of Assignments - Exam(s), in addition to Laboratory Assignment(s) and Homework Assignment(s) contribute to assessing student performance for this point of learning (POL) *Criterion: Average of POL for all students >= 7.0 out of 10.0</p>	<p>Reporting Period: 2021-2022 (Spring) Result Type: Criteria Not Met Average of POL for all students = 6.35 out of 10.00 (06/07/2022) Total # of Students Assessed: 3 Related Documents: ELET245N Section 1 Assessment Spring 2022.docx ELET245N Section 1 Grades Spring 2022.xlsx EET Assessment Report 5-31-22.docx</p>	<p>Use of Results: See "Related Documents" under Results for more information. (06/08/2022)</p>
		<p>Reporting Period: 2017 - 2018 Result Type: Criteria Met Average of POL for all students = 8.25 out of 10.00</p>	<p>Use of Results: See "Related Documents" under Results for</p>

Course Competencies	Assessment Methods	Results	Use of Results
	<p>Series of Assignments - Exam(s), in addition to Laboratory Assignment(s) and Homework Assignment(s) contribute to assessing student performance for this point of learning (POL)</p> <p>*Criterion: 70% of students achieve >= 7.0 out of 10.0</p>	<p>(08/10/2018)</p> <p>Total # of Students Assessed: 9</p> <p>Related Documents:</p> <p>ELET245N-A_S2018_Assessment.docx</p> <p>ELET241N-1_Grades-Spring2018.xlsx</p> <p>Reporting Period: 2021-2022 (Spring)</p> <p>Result Type: Criteria Not Met</p> <p>66.66% (06/07/2022)</p> <p>Total # of Students Assessed: 3</p> <p># of Students Meeting Criteria: 2</p> <p>Related Documents:</p> <p>ELET245N Section 1 Assessment Spring 2022.docx</p> <p>ELET245N Section 1 Grades Spring 2022.xlsx</p> <p>EET Assessment Report 5-31-22.docx</p>	<p>more information. (08/10/2018)</p> <p>Use of Results: See "Related Documents" under Results for more information. (06/08/2022)</p>
<p>4. Data Communications - Understand principles of Data Communications.</p> <p>Course Competency Status: Active</p> <p>Assessment Cycles: 2017 - 2018 (Spring), 2021-2022 (Spring)</p>	<p>Series of Assignments - Exam(s), in addition to Laboratory Assignment(s) and Homework Assignment(s) contribute to assessing student performance for this point of learning (POL)</p> <p>*Criterion: Average of POL for all students >= 7.0 out of 10.0</p>	<p>Reporting Period: 2021-2022 (Spring)</p> <p>Result Type: Criteria Not Met</p> <p>Average of POL for all students = 5.84 out of 10.00 (06/07/2022)</p> <p>Total # of Students Assessed: 3</p> <p>Related Documents:</p> <p>ELET245N Section 1 Assessment Spring 2022.docx</p> <p>ELET245N Section 1 Grades Spring 2022.xlsx</p> <p>EET Assessment Report 5-31-22.docx</p>	<p>Use of Results: See "Related Documents" under Results for more information. (06/08/2022)</p>
		<p>Reporting Period: 2017 - 2018</p> <p>Result Type: Criteria Met</p> <p>Average of POL for all students = 8.76 out of 10.00 (08/10/2018)</p> <p>Total # of Students Assessed: 9</p> <p>Related Documents:</p> <p>ELET245N-A_S2018_Assessment.docx</p> <p>ELET241N-1_Grades-Spring2018.xlsx</p>	<p>Use of Results: See "Related Documents" under Results for more information. (08/10/2018)</p>
	<p>Series of Assignments - Exam(s), in addition to Laboratory Assignment(s) and Homework Assignment(s) contribute to assessing student performance for this point of learning (POL)</p> <p>*Criterion: 70% of students achieve >= 7.0 out of 10.0</p>	<p>Reporting Period: 2021-2022 (Spring)</p> <p>Result Type: Criteria Not Met</p> <p>66.66% (06/07/2022)</p> <p>Total # of Students Assessed: 3</p> <p># of Students Meeting Criteria: 2</p> <p>Related Documents:</p> <p>ELET245N Section 1 Assessment Spring 2022.docx</p>	<p>Use of Results: See "Related Documents" under Results for more information. (06/08/2022)</p>

Course Competencies

Assessment Methods

Results

Use of Results

[ELET245N Section 1 Grades Spring 2022.xlsx](#)

[EET Assessment Report 5-31-22.docx](#)