

EETN Capstone Project

08/23/2022



Program/Course Assessment - Electronic Engineering Technology (AS)

ELET274N:EETN Capstone Project

<i>Course Competencies</i>	<i>Assessment Methods</i>	<i>Results</i>	<i>Use of Results</i>
1. Create a Project, Plan, Design - Create a Project Plan which includes but is not limited to: the project proposal, circuit design, simulation, test plans, bill of materials, flowcharts and software code (where applicable), and demonstration of a working prototype. Course Competency Status: Active Assessment Cycles: 2017 - 2018 (Spring), 2018 - 2019 (Spring), 2019 - 2020 (Spring), 2020 - 2021 (Spring), 2021-2022 (Spring)	Series of Assignments - Project Status Updates and Required Deliverables are used to determine the overall grade. *Criterion: Average of POL for all students \geq 7.0 out of 10.0	Reporting Period: 2021-2022 (Spring) Result Type: Criteria Met Average of POL for all students = 9.22 out of 10.00 (05/31/2022) Total # of Students Assessed: 9 Related Documents: ELET274 Grades S2022.xlsx ELET274N Assessment S2022.docx EET Assessment Report 5-31-22.docx	Use of Results: See "Related Documents" under Results for more information. (05/31/2022)
		Reporting Period: 2020-2021 (Spring) Result Type: Criteria Met Average of POL for all students = 9.03 out of 10.00 (05/31/2021) Total # of Students Assessed: 7 Related Documents: ELET274 Grades Spring 2021.xlsx ELET274N_S2021_Assessment.docx Electrical Engineering Technology May 31 2021 Assessment Report.docx ELET Assessment Meeting Notes 011421.pdf	Use of Results: See "Related Documents" under Results for more information. (05/31/2021)
		Reporting Period: 2019-2020 (Spring) Result Type: Criteria Met Average of POL for all students = 8.60 out of 10.00 (05/31/2020) Total # of Students Assessed: 10 Related Documents:	Use of Results: See "Related Documents" under Results for more information. (05/31/2020)

Course Competencies	Assessment Methods	Results	Use of Results
		<p>ELET274 Grades Spring 2020.xlsx ELET274N_S2020_Assessment (1).docx</p> <hr/> <p>Reporting Period: 2018 - 2019 Result Type: Criteria Met Average of POL for all students = 9.25 out of 10.00 (05/31/2019) Total # of Students Assessed: 7 Related Documents: ELET274N Grades Spring 2019.xlsx ELET274N-1_S2019_Assessment.docx</p> <hr/> <p>Reporting Period: 2017 - 2018 Result Type: Criteria Met Average of POL for all students = 8.62 out of 10.00 (08/10/2018) Total # of Students Assessed: 9 Related Documents: ELET274N-1_S2018_Assessment b.docx ELET274 Capstone Project 2018 vgrade d 050718.xlsx ELET Assessment Meeting Notes 051418.docx</p> <hr/> <p>Reporting Period: 2021-2022 (Spring) Result Type: Criteria Met 100% (05/25/2022) Total # of Students Assessed: 9 # of Students Meeting Criteria: 9 Related Documents: ELET274 Grades S2022.xlsx ELET274N Assessment S2022.docx EET Assessment Report 5-31-22.docx</p>	<p>Use of Results: See "Related Documents" under Results for more information. (05/31/2019)</p> <hr/> <p>Use of Results: See "Related Documents" under Results for more information. (08/10/2018)</p> <hr/> <p>Use of Results: See "Related Documents" under Results for more information. (06/08/2022)</p>
<p>2. Create a Test Plan - Create a project test evaluation plan to assure the project works as initially specified.</p> <p>Course Competency Status: Active Assessment Cycles: 2017 - 2018 (Spring), 2018 - 2019 (Spring), 2019 - 2020 (Spring), 2020 - 2021 (Spring), 2021-2022 (Spring)</p>	<p>Series of Assignments - Project Status Updates and Required Deliverables are used to determine the overall grade. *Criterion: 70% of students achieve >= 7.0 out of 10.0</p> <hr/> <p>Series of Assignments - Project Status Updates and Required Deliverables are used to determine the overall grade. *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 = 8.44 out of 10.00 (05/31/2022) Total # of Students Assessed: 9 Related Documents: ELET274 Grades S2022.xlsx ELET274N Assessment S2022.docx EET Assessment Report 5-31-22.docx</p> <hr/> <p>Reporting Period: 2020-2021 (Spring)</p>	<p>Use of Results: See "Related Documents" under Results for more information. (05/31/2022)</p> <hr/> <p>Use of Results: See "Related Documents" under Results for more information.</p>

Course Competencies	Assessment Methods	Results	Use of Results
		<p>Result Type: Criteria Met Average of POL for all students = 8.36 out of 10.00 (05/31/2021) Total # of Students Assessed: 7 Related Documents: ELET274 Grades Spring 2021.xlsx ELET274N_S2021_Assessment.docx Electrical Engineering Technology May 31 2021 Assessment Report.docx ELET Assessment Meeting Notes 011421.pdf</p>	Documents" under Results for more information. (05/31/2021)
		<p>Reporting Period: 2019-2020 (Spring) Result Type: Criteria Met Average of POL for all students = 8.10 out of 10.00 (05/31/2020) Total # of Students Assessed: 10 Related Documents: ELET274 Grades Spring 2020.xlsx ELET274N_S2020_Assessment (1).docx</p>	Use of Results: See "Related Documents" under Results for more information. (05/31/2020)
		<p>Reporting Period: 2018 - 2019 Result Type: Criteria Met Average of POL for all students = 8.00 out of 10.00 (05/31/2019) Total # of Students Assessed: 7 Related Documents: ELET274N Grades Spring 2019.xlsx ELET274N-1_S2019_Assessment.docx</p>	Use of Results: See "Related Documents" under Results for more information. (05/31/2019)
		<p>Reporting Period: 2017 - 2018 Result Type: Criteria Met Average of POL for all students = 8.67 out of 10.00 (08/10/2018) Total # of Students Assessed: 9 Related Documents: ELET274N-1_S2018_Assessment b.docx ELET274 Capstone Project 2018 vgrade d 050718.xlsx ELET Assessment Meeting Notes 051418.docx</p>	Use of Results: See "Related Documents" under Results for more information. (08/10/2018)
	<p>Series of Assignments - Project Status Updates and Required Deliverables are used to determine the overall grade.</p>	<p>Reporting Period: 2021-2022 (Spring) Result Type: Criteria Met 78% (05/25/2022) Total # of Students Assessed: 9</p>	Use of Results: See "Related Documents" under Results for more information. (06/08/2022)

Course Competencies	Assessment Methods	Results	Use of Results
	<p>*Criterion: 70% of students achieve >= 7.0 out of 10.0</p>	<p># of Students Meeting Criteria: 7 Related Documents: ELET274 Grades S2022.xlsx ELET274N Assessment S2022.docx EET Assessment Report 5-31-22.docx</p>	
<p>3. Create a report and present the project - Apply formal communication skills with client / customer (if applicable), instructor, teammates in both oral and written form. This includes but is not limited to regular status reports and formal public presentation.</p> <p>Course Competency Status: Active Assessment Cycles: 2017 - 2018 (Spring), 2018 - 2019 (Spring), 2019 - 2020 (Spring), 2020 - 2021 (Spring), 2021-2022 (Spring)</p>	<p>Series of Assignments - Project Status Updates and Required Deliverables are used to determine the overall grade. *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 = 9.15 out of 10.00 (05/31/2022) Total # of Students Assessed: 9 Related Documents: ELET274 Grades S2022.xlsx ELET274N Assessment S2022.docx EET Assessment Report 5-31-22.docx</p>	<p>Use of Results: See "Related Documents" under Results for more information. (05/31/2022)</p>
		<p>Reporting Period: 2020-2021 (Spring) Result Type: Criteria Met Average of POL for all students = 9.22 out of 10.00 (05/31/2021) Total # of Students Assessed: 7 Related Documents: ELET274 Grades Spring 2021.xlsx ELET274N_S2021_Assessment.docx Electrical Engineering Technology May 31 2021 Assessment Report.docx ELET Assessment Meeting Notes 011421.pdf</p>	<p>Use of Results: See "Related Documents" under Results for more information. (05/31/2021)</p>
		<p>Reporting Period: 2019-2020 (Spring) Result Type: Criteria Met Average of POL for all students = 8.31 out of 10.00 (05/31/2020) Total # of Students Assessed: 10 Related Documents: ELET274 Grades Spring 2020.xlsx ELET274N_S2020_Assessment (1).docx</p>	<p>Use of Results: See "Related Documents" under Results for more information. (05/31/2020)</p>
		<p>Reporting Period: 2018 - 2019 Result Type: Criteria Met Average of POL for all students = 8.85 out of 10.00 (05/31/2019) Total # of Students Assessed: 7</p>	<p>Use of Results: See "Related Documents" under Results for more information. (05/31/2019)</p>

Course Competencies	Assessment Methods	Results	Use of Results
		Related Documents: ELET274N Grades Spring 2019.xlsx ELET274N-1_S2019_Assessment.docx	
		Reporting Period: 2017 - 2018 Result Type: Criteria Met Average of POL for all students = 8.80 out of 10.00 (08/10/2018) Total # of Students Assessed: 9 Related Documents: ELET274N-1_S2018_Assessment b.docx ELET274 Capstone Project 2018 vgrade d 050718.xlsx ELET Assessment Meeting Notes 051418.docx	Use of Results: See "Related Documents" under Results for more information. (08/10/2018)
	Series of Assignments - Project Status Updates and Required Deliverables are used to determine the overall grade. *Criterion: 70% of students achieve >= 7.0 out of 10.0	Reporting Period: 2021-2022 (Spring) Result Type: Criteria Met 100% (05/25/2022) Total # of Students Assessed: 9 # of Students Meeting Criteria: 9 Related Documents: ELET274 Grades S2022.xlsx ELET274N Assessment S2022.docx EET Assessment Report 5-31-22.docx	Use of Results: See "Related Documents" under Results for more information. (06/08/2022)
4. Teamwork, professional, ethical, and social responsibilities - Demonstrate teamwork which includes professional, ethical, and social responsibilities Course Competency Status: Active Assessment Cycles: 2017 - 2018 (Spring), 2018 - 2019 (Spring), 2019 - 2020 (Spring), 2020 - 2021 (Spring), 2021-2022 (Spring)	Series of Assignments - Project Status Updates and Required Deliverables are used to determine the overall grade. *Criterion: Average of POL for all students >= 7.0 out of 10.0	Reporting Period: 2021-2022 (Spring) Result Type: Criteria Met Average of POL for all students = 9.17 out of 10.00 (05/31/2022) Total # of Students Assessed: 9 Related Documents: ELET274 Grades S2022.xlsx ELET274N Assessment S2022.docx EET Assessment Report 5-31-22.docx	Use of Results: See "Related Documents" under Results for more information. (05/31/2022)
		Reporting Period: 2020-2021 (Spring) Result Type: Criteria Met Average of POL for all students = 9.03 out of 10.00 (05/31/2021) Total # of Students Assessed: 7 Related Documents: ELET274 Grades Spring 2021.xlsx ELET274N_S2021_Assessment.docx	Use of Results: See "Related Documents" under Results for more information. (05/31/2021)

Course Competencies	Assessment Methods	Results	Use of Results
		<p>Electrical Engineering Technology May 31 2021 Assessment Report.docx ELET Assessment Meeting Notes 011421.pdf</p> <hr/> <p>Reporting Period: 2019-2020 (Spring) Result Type: Criteria Met Average of POL for all students = 8.98 out of 10.00 (05/31/2020) Total # of Students Assessed: 10 Related Documents: ELET274 Grades Spring 2020.xlsx ELET274N_S2020_Assessment (1).docx</p>	<p>Use of Results: See "Related Documents" under Results for more information. (05/31/2020)</p>
		<p>Reporting Period: 2018 - 2019 Result Type: Criteria Met Average of POL for all students = 9.17 out of 10.00 (05/31/2019) Total # of Students Assessed: 7 Related Documents: ELET274N Grades Spring 2019.xlsx ELET274N-1_S2019_Assessment.docx</p>	<p>Use of Results: See "Related Documents" under Results for more information. (05/31/2019)</p>
		<p>Reporting Period: 2017 - 2018 Result Type: Criteria Met Average of POL for all students = 9.73 out of 10.00 (08/10/2018) Total # of Students Assessed: 9 Related Documents: ELET274N-1_S2018_Assessment b.docx ELET274 Capstone Project 2018 vgrade d 050718.xlsx ELET Assessment Meeting Notes 051418.docx</p>	<p>Use of Results: See "Related Documents" under Results for more information. (08/10/2018)</p>
	<p>Series of Assignments - Project Status Updates and Required Deliverables are used to determine the overall grade. *Criterion: 70% of students achieve >= 7.0 out of 10.0</p>	<p>Reporting Period: 2021-2022 (Spring) Result Type: Criteria Met 100% (05/25/2022) Total # of Students Assessed: 9 # of Students Meeting Criteria: 9 Related Documents: ELET274 Grades S2022.xlsx ELET274N Assessment S2022.docx EET Assessment Report 5-31-22.docx</p>	<p>Use of Results: See "Related Documents" under Results for more information. (06/08/2022)</p>