

# 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>
<b>1. Create a Project, Plan, Design -</b> 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. <b>Course Competency Status:</b> Active <b>Assessment Cycles:</b> 2017 - 2018 (Spring), 2018 - 2019 (Spring), 2019 - 2020 (Spring), 2020 - 2021 (Spring), 2021-2022 (Spring)	<b>Series of Assignments -</b> Project Status Updates and Required Deliverables are used to determine the overall grade. <b>*Criterion:</b> Average of POL for all students $\geq$ 7.0 out of 10.0	<b>Reporting Period:</b> 2021-2022 (Spring) <b>Result Type:</b> Criteria Met Average of POL for all students = 9.22 out of 10.00 (05/31/2022) <b>Total # of Students Assessed:</b> 9 <b>Related Documents:</b> <a href="#">ELET274 Grades S2022.xlsx</a> <a href="#">ELET274N Assessment S2022.docx</a> <a href="#">EET Assessment Report 5-31-22.docx</a>	<b>Use of Results:</b> See "Related Documents" under Results for more information. (05/31/2022)
		<b>Reporting Period:</b> 2020-2021 (Spring) <b>Result Type:</b> Criteria Met Average of POL for all students = 9.03 out of 10.00 (05/31/2021) <b>Total # of Students Assessed:</b> 7 <b>Related Documents:</b> <a href="#">ELET274 Grades Spring 2021.xlsx</a> <a href="#">ELET274N_S2021_Assessment.docx</a> <a href="#">Electrical Engineering Technology May 31 2021 Assessment Report.docx</a> <a href="#">ELET Assessment Meeting Notes 011421.pdf</a>	<b>Use of Results:</b> See "Related Documents" under Results for more information. (05/31/2021)
		<b>Reporting Period:</b> 2019-2020 (Spring) <b>Result Type:</b> Criteria Met Average of POL for all students = 8.60 out of 10.00 (05/31/2020) <b>Total # of Students Assessed:</b> 10 <b>Related Documents:</b>	<b>Use of Results:</b> See "Related Documents" under Results for more information. (05/31/2020)

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

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

Course Competencies	Assessment Methods	Results	Use of Results
	<p><b>*Criterion:</b> 70% of students achieve &gt;= 7.0 out of 10.0</p>	<p><b># of Students Meeting Criteria:</b> 7  <b>Related Documents:</b>  <a href="#">ELET274 Grades S2022.xlsx</a>  <a href="#">ELET274N Assessment S2022.docx</a>  <a href="#">EET Assessment Report 5-31-22.docx</a></p>	
<p><b>3. Create a report and present the project</b> - 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><b>Course Competency Status:</b> Active  <b>Assessment Cycles:</b> 2017 - 2018 (Spring), 2018 - 2019 (Spring), 2019 - 2020 (Spring), 2020 - 2021 (Spring), 2021-2022 (Spring)</p>	<p><b>Series of Assignments</b> - Project Status Updates and Required Deliverables are used to determine the overall grade.  <b>*Criterion:</b> Average of POL for all students &gt;= 7.0 out of 10.0</p>	<p><b>Reporting Period:</b> 2021-2022 (Spring)  <b>Result Type:</b> Criteria Met  Average of POL for all students = 9.15 out of 10.00 (05/31/2022)  <b>Total # of Students Assessed:</b> 9  <b>Related Documents:</b>  <a href="#">ELET274 Grades S2022.xlsx</a>  <a href="#">ELET274N Assessment S2022.docx</a>  <a href="#">EET Assessment Report 5-31-22.docx</a></p>	<p><b>Use of Results:</b> See "Related Documents" under Results for more information. (05/31/2022)</p>
		<p><b>Reporting Period:</b> 2020-2021 (Spring)  <b>Result Type:</b> Criteria Met  Average of POL for all students = 9.22 out of 10.00 (05/31/2021)  <b>Total # of Students Assessed:</b> 7  <b>Related Documents:</b>  <a href="#">ELET274 Grades Spring 2021.xlsx</a>  <a href="#">ELET274N_S2021_Assessment.docx</a>  <a href="#">Electrical Engineering Technology May 31 2021 Assessment Report.docx</a>  <a href="#">ELET Assessment Meeting Notes 011421.pdf</a></p>	<p><b>Use of Results:</b> See "Related Documents" under Results for more information. (05/31/2021)</p>
		<p><b>Reporting Period:</b> 2019-2020 (Spring)  <b>Result Type:</b> Criteria Met  Average of POL for all students = 8.31 out of 10.00 (05/31/2020)  <b>Total # of Students Assessed:</b> 10  <b>Related Documents:</b>  <a href="#">ELET274 Grades Spring 2020.xlsx</a>  <a href="#">ELET274N_S2020_Assessment (1).docx</a></p>	<p><b>Use of Results:</b> See "Related Documents" under Results for more information. (05/31/2020)</p>
		<p><b>Reporting Period:</b> 2018 - 2019  <b>Result Type:</b> Criteria Met  Average of POL for all students = 8.85 out of 10.00 (05/31/2019)  <b>Total # of Students Assessed:</b> 7</p>	<p><b>Use of Results:</b> See "Related Documents" under Results for more information. (05/31/2019)</p>

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

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