

Electronics II

08/23/2022



Program/Course Assessment - Electronic Engineering Technology (AS)

ELET241N:Electronics II

<i>Course Competencies</i>	<i>Assessment Methods</i>	<i>Results</i>	<i>Use of Results</i>
1. Logarithms, Decibels, Body Plots, and Miller Effect Capacitance - Understand logarithms, decibels, Bode Plots and Miller Effect Capacitance Course Competency Status: Active Assessment Cycles: 2017 - 2018 (Fall), 2018 - 2019 (Fall), 2019 - 2020 (Fall), 2020 - 2021 (Fall), 2021-2022 (Fall)	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 \geq 7.0 out of 10.0	Reporting Period: 2021-2022 (Fall) Result Type: Criteria Met Average of POL for all students = 8.68 out of 10.00 (05/31/2022) Total # of Students Assessed: 4 Related Documents: ELET241N Section 1 Assessment Fall 2021_JN_3.docx ELET241N Section 1 Grades Fall 2021.xlsx 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 (Fall) Result Type: Criteria Met Average of POL for all students = 8.77 out of 10.00 (05/31/2021) Total # of Students Assessed: 8 Related Documents: ELET241N Grades Fall 2020.xlsx ELET241N-1_F2020_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 (Fall) Result Type: Criteria Met Average of POL for all students = 7.53 out of 10.00 (05/31/2020) Total # of Students Assessed: 9 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>ELET241N Grades Fall 2019.xlsx ELET241N-1_F2019_Assessment.docx</p> <hr/> <p>Reporting Period: 2018 - 2019 Result Type: Criteria Met Average of POL for all students = 7.90 out of 10.00 (05/31/2019) Total # of Students Assessed: 8 Related Documents: ELET241N Grades Fall 2018.xlsx ELET241N-1_F2018_Assessment.docx</p> <hr/> <p>Reporting Period: 2017 - 2018 Result Type: Criteria Met Average of POL for all students = 8.91 out of 10.00 (02/09/2018) Total # of Students Assessed: 13 Related Documents: ELET Assessment Meeting Notes 020518.docx ELET241N - 1 F2017 Exam Grades Evals wksheet v2.xlsx ELET241N-1_F2017_Assessment.docx</p> <hr/> <p>Reporting Period: 2021-2022 (Fall) Result Type: Criteria Met 100.00% (06/07/2022) Total # of Students Assessed: 4 # of Students Meeting Criteria: 4 Related Documents: ELET241N Section 1 Assessment Fall 2021_JN_3.docx ELET241N Section 1 Grades Fall 2021.xlsx 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. (02/09/2018)</p> <hr/> <p>Use of Results: See "Related Documents" under Results for more information. (06/08/2022)</p>
<p>2. BJT and JFET Frequency Response - Be able to calculate Frequency Response for BJT and FET Amplifiers as well as Op-Amps Course Competency Status: Active Assessment Cycles: 2017 - 2018 (Fall), 2018 - 2019 (Fall), 2019 - 2020 (Fall), 2020 - 2021 (Fall), 2021-2022 (Fall)</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> <hr/> <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 (Fall) Result Type: Criteria Met Average of POL for all students = 8.14 out of 10.00 (05/31/2022) Total # of Students Assessed: 4 Related Documents: ELET241N Section 1 Assessment Fall 2021_JN_3.docx ELET241N Section 1 Grades Fall 2021.xlsx 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 (Fall)</p>	<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 = 8.39 out of 10.00 (05/31/2021) Total # of Students Assessed: 8 Related Documents: ELET241N Grades Fall 2020.xlsx ELET241N-1_F2020_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 (Fall) Result Type: Criteria Met Average of POL for all students = 8.64 out of 10.00 (05/31/2020) Total # of Students Assessed: 9 Related Documents: ELET241N Grades Fall 2019.xlsx ELET241N-1_F2019_Assessment.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 = 8.47 out of 10.00 (05/31/2019) Total # of Students Assessed: 8 Related Documents: ELET241N Grades Fall 2018.xlsx ELET241N-1_F2018_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 = 9.07 out of 10.00 (02/09/2018) Total # of Students Assessed: 13 Related Documents: ELET241N - 1 F2017 Exam Grades Evals wksheet v2.xlsx ELET241N-1_F2017_Assessment.docx ELET Assessment Meeting Notes 020518.docx</p>	Use of Results: See "Related Documents" under Results for more information. (02/09/2018)
	<p>Series of Assignments - Exam(s), in addition to Laboratory Assignment(s) and Homework Assignment(s) contribute to assessing student</p>	<p>Reporting Period: 2021-2022 (Fall) Result Type: Criteria Met 75.00% (06/07/2022) Total # of Students Assessed: 4</p>	Use of Results: See "Related Documents" under Results for more information. (06/08/2022)

Course Competencies	Assessment Methods	Results	Use of Results
	performance for this point of learning (POL) *Criterion: 70% of students achieve >= 7.0 out of 10.0	# of Students Meeting Criteria: 3 Related Documents: ELET241N Section 1 Assessment Fall 2021_JN_3.docx ELET241N Section 1 Grades Fall 2021.xlsx EET Assessment Report 5-31-22.docx	
3. Op Amps - Show how the single-ended output voltage of an Op-Amp depends on its open-loop gain and differential input voltage Course Competency Status: Active Assessment Cycles: 2017 - 2018 (Fall), 2018 - 2019 (Fall), 2019 - 2020 (Fall), 2020 - 2021 (Fall), 2021-2022 (Fall)	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 (Fall) Result Type: Criteria Met Average of POL for all students = 8.33 out of 10.00 (05/31/2022) Total # of Students Assessed: 4 Related Documents: ELET241N Section 1 Assessment Fall 2021_JN_3.docx ELET241N Section 1 Grades Fall 2021.xlsx 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 (Fall) Result Type: Criteria Met Average of POL for all students = 7.27 out of 10.00 (05/31/2021) Total # of Students Assessed: 8 Related Documents: ELET241N Grades Fall 2020.xlsx ELET241N-1_F2020_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 (Fall) Result Type: Criteria Met Average of POL for all students = 8.26 out of 10.00 (05/31/2020) Total # of Students Assessed: 9 Related Documents: ELET241N Grades Fall 2019.xlsx ELET241N-1_F2019_Assessment.docx	Use of Results: See "Related Documents" under Results for more information. (05/31/2020)
		Reporting Period: 2018 - 2019 Result Type: Criteria Met Average of POL for all students = 8.46 out of 10.00 (05/31/2019) Total # of Students Assessed: 8	Use of Results: See "Related Documents" under Results for more information. (05/31/2019)

Course Competencies	Assessment Methods	Results	Use of Results
		<p data-bbox="953 164 1606 224">Electrical Engineering Technology May 31 2021 Assessment Report.docx</p> <p data-bbox="953 230 1436 258">ELET Assessment Meeting Notes 011421.pdf</p> <hr/> <p data-bbox="953 277 1331 305">Reporting Period: 2019-2020 (Fall)</p> <p data-bbox="953 310 1230 337">Result Type: Criteria Met</p> <p data-bbox="953 342 1499 402">Average of POL for all students = 8.15 out of 10.00 (05/31/2020)</p> <p data-bbox="953 407 1297 435">Total # of Students Assessed: 9</p> <p data-bbox="953 440 1182 467">Related Documents:</p> <p data-bbox="953 472 1297 500">ELET241N Grades Fall 2019.xlsx</p> <p data-bbox="953 505 1365 532">ELET241N-1_F2019_Assessment.docx</p> <hr/> <p data-bbox="953 553 1285 581">Reporting Period: 2018 - 2019</p> <p data-bbox="953 586 1230 613">Result Type: Criteria Met</p> <p data-bbox="953 618 1499 678">Average of POL for all students = 7.57 out of 10.00 (05/31/2019)</p> <p data-bbox="953 683 1297 711">Total # of Students Assessed: 8</p> <p data-bbox="953 716 1182 743">Related Documents:</p> <p data-bbox="953 748 1297 776">ELET241N Grades Fall 2018.xlsx</p> <p data-bbox="953 781 1365 808">ELET241N-1_F2018_Assessment.docx</p> <hr/> <p data-bbox="953 829 1285 857">Reporting Period: 2017 - 2018</p> <p data-bbox="953 862 1230 889">Result Type: Criteria Met</p> <ul data-bbox="953 894 1570 1149" style="list-style-type: none"> <li data-bbox="953 894 1570 987">• ELET241N-1 : The numerical scores are outstanding. So much so, the department found the following: <ul data-bbox="953 992 1570 1149" style="list-style-type: none"> <li data-bbox="953 992 1570 1052">o Observed / suspect that the grading maybe too lenient. <li data-bbox="953 1057 1570 1149">o Instructor (Adjunct) did not make use of the ability to electronically have all students upload their lab reports. <p data-bbox="953 1154 1499 1214">Average of POL for all students = 9.29 out of 10.00 (02/09/2018)</p> <p data-bbox="953 1219 1310 1247">Total # of Students Assessed: 13</p> <p data-bbox="953 1252 1182 1279">Related Documents:</p> <p data-bbox="953 1284 1451 1312">ELET Assessment Meeting Notes 020518.docx</p> <p data-bbox="953 1317 1551 1344">ELET241N - 1 F2017 Exam Grades Evals wksheet v2.xlsx</p> <p data-bbox="953 1349 1365 1377">ELET241N-1_F2017_Assessment.docx</p> <hr/> <p data-bbox="953 1398 1331 1425">Reporting Period: 2021-2022 (Fall)</p> <p data-bbox="953 1430 1276 1490">Result Type: Criteria Not Met 50.00% (06/07/2022)</p>	<p data-bbox="1625 277 1982 370">Use of Results: See "Related Documents" under Results for more information. (05/31/2020)</p> <hr/> <p data-bbox="1625 553 1982 646">Use of Results: See "Related Documents" under Results for more information. (05/31/2019)</p> <hr/> <p data-bbox="1625 829 2003 1149">Use of Results: The Program Coordinator discussed both of the above items with the instructor and he agreed to tighten up his grading policies and require all labs to be uploaded starting in the Spring 2018 semester. See "Related Documents" under Results for more information. (02/09/2018)</p> <hr/> <p data-bbox="1625 1398 1982 1490">Use of Results: See "Related Documents" under Results for more information. (06/08/2022)</p>

Series of Assignments - Exam(s), in addition to Laboratory Assignment(s) and Homework Assignment(s) contribute to assessing student

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	performance for this point of learning (POL) *Criterion: 70% of students achieve >= 7.0 out of 10.0	Total # of Students Assessed: 4 # of Students Meeting Criteria: 2 Related Documents: ELET241N Section 1 Assessment Fall 2021_JN_3.docx ELET241N Section 1 Grades Fall 2021.xlsx EET Assessment Report 5-31-22.docx	