ABET
Autumn 2025 Report

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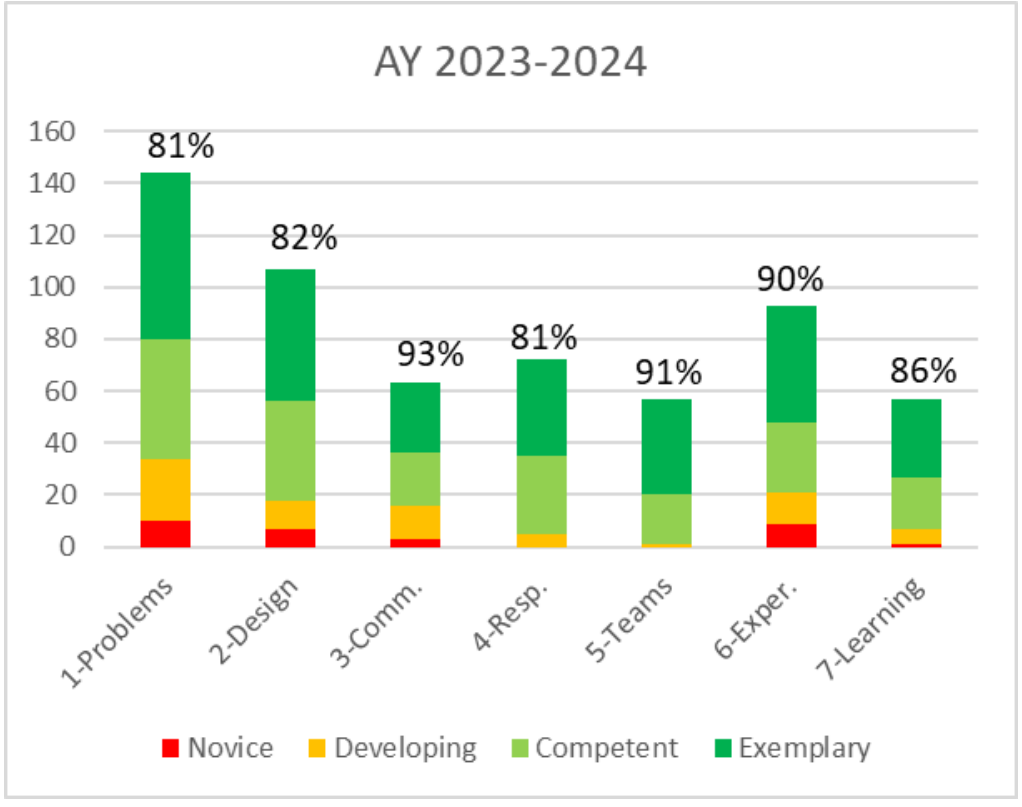
ELECTRICAL & COMPUTER ENGINEERING

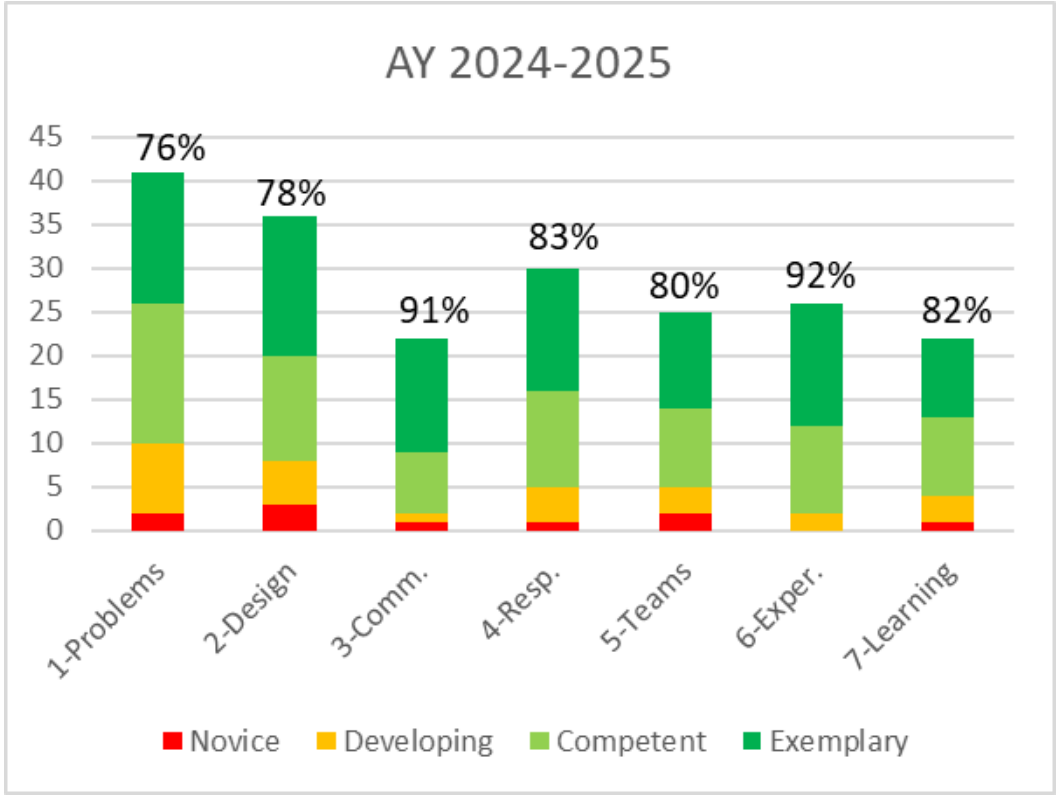
Outline of the 2025 ABET Report

- Assessments results in 2024-2025
- Overall student outcome achievement from 2019 to 2025.
- Use the ABET review “exit statement” to provide an overview of the Electrical Engineering program’s performance as it approaches its final phase.

Overall Assessed Outcomes, All Concentrations Combined

- Overall performance is slightly dropped than in the prior academic year





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Concentration Summary: percent satisfactory (competent or exemplary)

	AY1819 Summary	problems	design	commun.	respons.	teams	exper.	learning
	Concentration	1	2	3	4	5	6	7
1	Biomedical Instrumentation	100%	100%	100%	100%	80%	63%	100%
2	Communications	71%		100%		100%	81%	
3	Controls	56%					67%	
4	Digital Signal and Image Processing	50%	33%	100%		100%	67%	100%
5	Digital VLSI	100%		67%		83%	33%	100%
6	Electromagnetics	67%	50%	100%			67%	
7	Embedded Computing Systems	50%			44%	67%	50%	22%
8	Integrated Systems							
9	Power Electronics and Drives	50%	100%	100%		100%	50%	43%
10	Sensors and Devices	100%	100%	100%		50%	67%	
11	Sustainable Energy Systems	100%	100%	100%	100%	100%		
	Entrepreneurial Capstone		100%	100%	100%	100%	100%	100%
	Technical Writing			89%				
	Professional Issues				85%			

Concentration Summary: percent satisfactory (competent or exemplary)

	AY1920 Summary	problems	design	commun.	respons.	teams	exper.	learning
	Concentration	1	2	3	4	5	6	7
1	Biomedical Instrumentation	92%	100%	100%	57%	100%	85%	100%
2	Communications	67%		67%			67%	
3	Controls	56%	78%					
4	Digital Signal and Image Processing	83%		100%		100%	75%	100%
5	Digital VLSI	67%		100%		100%	100%	100%
6	Electromagnetics							
7	Embedded Computing Systems	93%	96%		100%	100%	93%	100%
8	Integrated Systems		67%	100%		67%		67%
9	Power Electronics and Drives		83%	83%		67%		83%
10	Sensors and Devices	83%						67%
11	Sustainable Energy Systems	67%	100%	100%	100%	67%		
	Entrepreneurial Capstone		100%	100%	89%	67%	100%	89%
	Technical Writing			92%				
	Professional Issues				97%			

Concentration Summary: percent satisfactory (competent or exemplary)

	AY2021 Summary	problems	design	commun.	respons.	teams	exper.	learning
	Concentration	1	2	3	4	5	6	7
1	Biomedical Instrumentation							
2	Communications	83%			100%			100%
3	Controls	67%						
4	Digital Signal and Image Processing	75%	83%	83%		67%	83%	67%
5	Digital VLSI	100%	100%					100%
6	Electromagnetics							
7	Embedded Computing Systems	86%	81%		100%	100%	76%	100%
8	Integrated Systems							
9	Neural Engineering		100%	100%		100%		
10	Power Electronics and Drives							
11	Sensors and Devices	55%						59%
12	Sustainable Energy Systems		100%	100%	100%	100%		
	Entrepreneurial Capstone		89%	89%	78%	78%	89%	78%
	Technical Writing			82%				
	Professional Issues							

Concentration Summary: percent satisfactory (competent or exemplary)

	AY2122 Summary	problems	design	commun.	respons.	teams	exper.	learning
	Concentration	1	2	3	4	5	6	7
1	~~Biomedical Instrumentation~~							
2	Communications	81%			100%		100%	83%
3	Controls	67%	67%					
4	Digital Signal and Image Processing	83%		100%		83%	83%	83%
5	Digital VLSI							
6	~~Electromagnetics~~							
7	Embedded Computing Systems	90%	87%		83%	100%	85%	100%
8	Integrated Systems							
9	Neural Engineering	83%	100%	67%		100%		
10	Power Electronics and Drives	83%	61%	33%		33%	83%	33%
11	Sensors and Devices	31%	50%	67%		100%		59%
12	Sustainable Energy Systems	100%	100%	100%	100%	100%		
	Entrepreneurial Capstone	83%	83%	100%	100%	100%	83%	100%

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Concentration Summary: percent satisfactory (competent or exemplary)

	AY2223 Summary	problems	design	commun.	respons.	teams	exper.	learning
	Concentration	1	2	3	4	5	6	7
1	~~Biomedical Instrumentation~~							
2	Communications	75%				100%	50%	78%
3	Controls	67%					75%	
4	Digital Signal and Image Processing	83%	100%	67%		83%	83%	67%
5	Digital VLSI	78%	100%				89%	
6	~~Electromagnetics~~							
7	Embedded Computing Systems	82%	86%		78%	100%	88%	89%
8	Integrated Systems		100%	100%		100%	100%	100%
9	Neural Engineering	100%	100%	100%		100%		
10	Power Electronics and Drives	100%						100%
11	Sensors and Devices	70%	100%	100%		100%		83%
12	Sustainable Energy Systems	75%	83%		83%			
	Entrepreneurial Capstone	42%	42%	42%	100%	100%	42%	100%
	Technical Writing			79%				
	Professional Issues				100%			

Concentration Summary: percent satisfactory (competent or exemplary)

	AY2324 Summary	problems	design	commun.	respons.	teams	exper.	learning
	Concentration	1	2	3	4	5	6	7
1	~~Biomedical Instrumentation~~							
2	Communications	100%			67%	100%	86%	100%
3	Controls	67%	50%					
4	Digital Signal and Image Processing	50%	33%	67%		33%	67%	67%
5	Digital VLSI		100%	100%		100%	100%	100%
6	~~Electromagnetics~~							
7	Embedded Computing Systems	91%	91%	100%	67%	100%	91%	100%
8	Integrated Systems							
9	Neural Engineering	100%	100%	100%		100%	100%	100%
10	Power Electronics and Drives	100%	100%			100%	100%	67%
11	Advanced Electronic and Photontc Devices	71%						67%
12	Sustainable Energy Systems	67%	67%					
	Entrepreneurial Capstone	89%	89%	89%	89%	89%	89%	89%
	Technical Writing			100%				
	Professional Issues				78%			

Concentration Summary: percent satisfactory (competent or exemplary)

	AY2024-2025 Summary	problems	design	commun.	respons.	teams	exper.	learning
	Concentration	1	2	3	4	5	6	7
1	~~Biomedical Instrumentation~~							
2	Communications	100%	100%	100%	50%	100%	100%	67%
3	Controls	50%	33%					
4	Digital Signal and Image Processing	33%	33%			67%	67%	
5	Digital VLSI	67%	100%	67%	100%	67%	100%	
6	~~Electromagnetics~~							
7	Embedded Computing Systems	100%	100%	83%	67%	67%	100%	67%
8	Integrated Systems							
9	Neural Engineering		100%	100%	100%	100%	100%	100%
10	Power Electronics and Drives	100%	100%		100%	67%	67%	67%
11	Advanced Electronic and Photontc Devices	67%						100%
12	Sustainable Energy Systems	100%	67%					
	Entrepreneurial Capstone	100%	100%	100%	100%	100%	100%	100%
	Technical Writing			100%				
	Professional Issues				86%			

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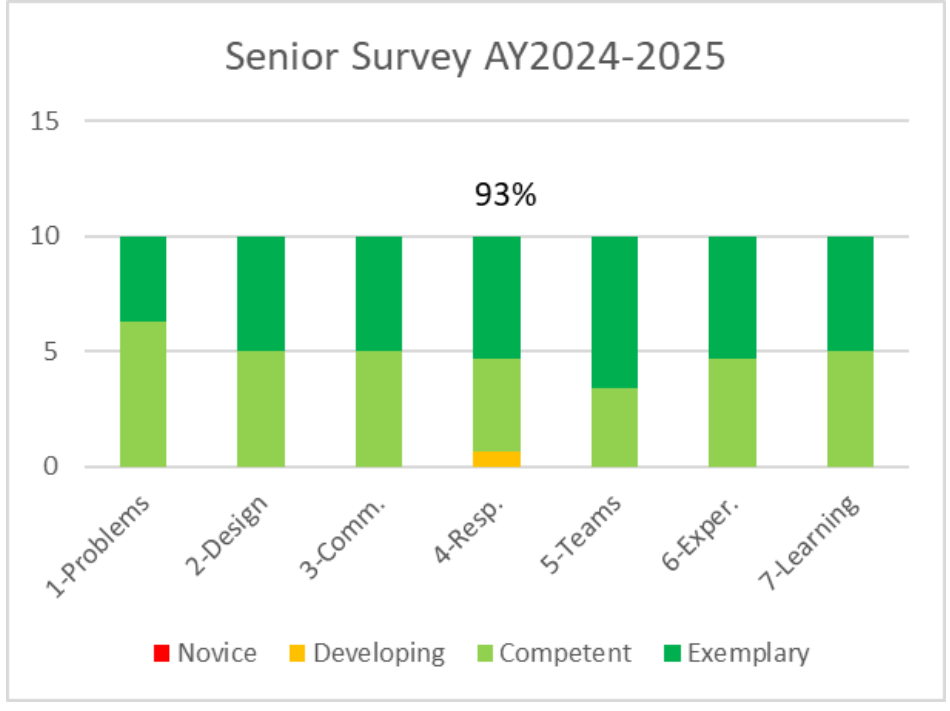
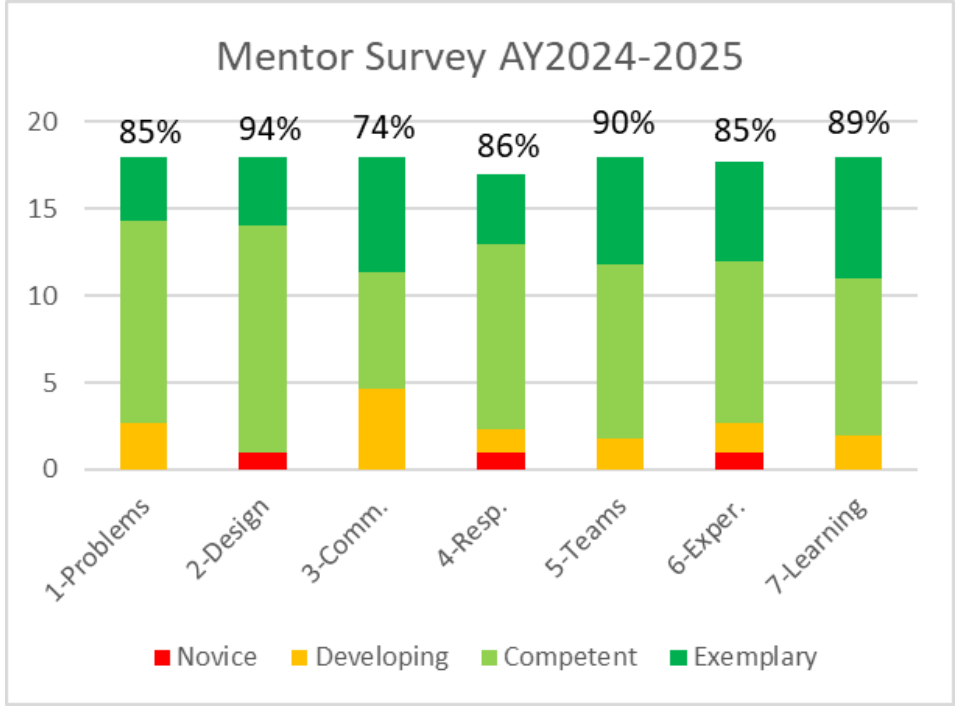
Surveys





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Exit Statement

The Bachelor of Science in Electrical Engineering (BSEE) program is administered by the College of Engineering. In Fall 2025, the program enrolled 5 full-time and 2 part-time students. The program was supported by 57 full-time faculty members, 1 part-time faculty member, no full-time technicians, and 34 full-time staff members. A total of 12 faculty members are shared with other programs within the college. During the 2024–2025 academic year, the program produced 32 graduates.

Following the ABET on-site review, no concerns were identified regarding the program.

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