

# ABET Review: Embedded Spring 2026

# Course Offerings & Enrollments

		Aut24	Win25	Spr25	Sum25	Aut25	Win26	Spr26
271	Digital Circuits and Systems	138	98	100	53	101	100	100
371	Design of Digital Circuits and Systems (EE/CSE)	44/10	64/8	61/25		45/10	47/8	56/29
469	Computer Architecture I (EE/CSE)	81/9	56/7	79/10	30/3	80/11	40/8	79/9
470	Computer Architecture II (EE/CSE)			27/3				27/4
474	Introduction to Embedded Systems (EE/CSE)	50/19	58/15	50/15	34/10	50/20	50/21	50/22
475	Embedded Systems Capstone (EE /CSE/EE grad)	23/6/6	29/6/4	27/7/5		23/4/7	30/3/2	38/5

Enrollments: ECE/CSE, or ECE/CSE/grad

# ABET Missing End of Course Reports

<b>Missing Quarter</b>	<b>Course</b>
Spring 2025 (Iyer)	371
Spring 2025 (Oskin)	470
Autumn 2025 (Hameed)	271
Autumn 2025 (Makhsous)	371
Winter 2026 (Makhsous)	271
Winter 2026 (Oskin)	469
Winter 2026 (Iyer)	474

# End of Course Reports – issues found

271 –

371 –

469 –

470 –

474 –

475 – Shwetak: Generative AI worked well.

Reports mostly blank on concerns fields, or missing...

Lab space issue fixed over the summer!

# ABET outcomes

Novice/Developing/Competent/Exemplary

Course	Title	Quarter Assessed	1	2	3	4	5	6	7	
271	Intro Digital	Spr25		0/0/6/9						
271	"	Aut25								Missing – Hameed
271	"	Win26								Missing – Makhsous
371	Digital 2	Spr25								CSE – Iyer
371	"	Aut25								Missing – Makhsous
371	"	Win26								None assigned
469	CompArch I	Spr25	2/1/3/6	2/2/3/5				1/2/4/5		
469	"	Aut25	1/2/6/3							
469	"	Win26								CSE – Oskin
470	CompArch II	Spr25								CSE – Oskin
474	IntroEmbedded	Spr25	0/0/3/3	0/0/0/6				0/0/2/4		
474	"	Aut25	2/3/3/1							
474	"	Win26								CSE – Iyer
475	Embedded Capstone	Spr25			0/0/2/4	0/2/2/2	0/0/4/2		0/0/0/6	
475	"	Aut25			0/0/3/3		0/0/3/3		0/0/3/3	
475	"	Win26			0/0/2/6		0/0/0/8		0/0/0/8	

# ABET outcomes notes

- In the event of an ABET student outcome showing unsatisfactory  $(N+D)/(N+D+C+E) < 75\%$ , what actions and improvements are suggested?
  - Most well above limit.
  - Outcome 2, 469: missed by one, previous 2 years strong.
  - Outcome 1, 474: only 44% succeeded. 100% success last year, and other offering this year.
  - Outcome 4, 475: strong in multiple other offerings last 2 years.

# ABET outcomes (last year)

Novice/Developing/Competent/Exemplary

Course	Title	Quarter Assessed	1	2	3	4	5	6	7	
271	Intro Digital	Spr24		2/3/9/1						
271	"	Aut24		0/1/9/2						
271	"	Win25		0/0/4/11						
371	Digital 2	Spr24	CSE							
371	"	Aut24								
371	"	Win25								None assigned
469	CompArch I	Spr24								Outcomes not entered
469	"	Aut24	0/4/6/4	0/2/0/12				0/2/5/7		
469	"	Win25	CSE							
470	CompArch II	Spr24	CSE							
474	IntroEmbedded	Spr24								Outcomes not entered
474	"	Aut24	0/0/2/10	0/0/2/10				0/0/2/10		
474	"	Win25	0/0/4/8	0/0/4/8				0/0/4/8		
475	Embedded Capstone	Spr24								Outcomes not entered
475	"	Aut24			0/1/2/6	0/1/1/7	2/1/1/5		1/2/3/3	
475	"	Win25			0/0/0/8	0/0/0/8	0/0/0/8		0/0/0/8	

# ABET outcomes (2 years ago)

		ABET Outcome (Nov./Devel./Comp./Exemp.)								
Course	Quarter	1	2	3	4	5	6	7	Notes	
271	Aut'23		0/0/3/9							
469	Spr'23	0/1/3/8	0/0/2/10				0/0/2/10		No ABET assigned	
	Aut'23	1/2/6/3	1/0/3/8				1/3/2/6			
470	Winter Qtrs									
474	Win'23	0/0/3/6	0/0/3/6				0/0/2/7			
	Spr'23	1/2/1/5	2/1/1/5				1/1/2/5			
	Aut'23	0/0/4/5	0/0/3/6				0/0/2/7			
	Win'24	0/2/6/7	0/4/4/7				0/2/6/7			
475	Win'23				0/0/0/6	0/0/0/6		0/0/0/6		One team of 6 assessed as whole, it appears.
	Spr'23									Work submitted, but don't see Outcome scores / One team of 6 assessed as whole, it appears.

# Course Evals

Course	Quarter	Instructor	Particiapted	Adj. Combined	CEI	Hours/Cr	NOTES
271	Spr25	Hussein	31/97	4.2	4.7	2.1	
271	Sum25	Hameed	16/48	4.8	5.8	3.3	
271	Aut25	Hameed	97/100	5	5.5	2.2	
271	Win26	Makhsous	90/97	4.3	5	2.2	
371	Spr25	Iyer	16/84	3.3	4.5	2.4	
371	Aut25	Makhsous	44/50	4.3	5.5	2.4	
371	Win26	Hussein	12/53	4.1	5.5	2.6	
469	Spr25	Hameed	72/89	4.8	5.8	2.8	
469	Sum25	Hameed	2/30	4.9	6.2	4.1	Only 2 responded
469	Aut25	Hauck	78/84	5	5.7	2.8	
469	Win26	Oskin	15/49	3.8	5.1	2	Pretty good for Oskin actually
470	Spr25	Oskin	1/30	4.2	3.8	2.1	Only 1 responded
474	Spr25	Hussein	20/65	4.2	4.8	2.8	
474	Sum25	Makhsous	38/44	4.4	4.9	2.7	
474	Aut25	Raiti	60/69	3.7	4.8	2.4	
474	Win26	Iyer	62/71	4.1	4.4	2.2	
475	Spr25	Patel	8/39	4.4	6.1	2	Uniformly low response rates for 475
475	Aut25	Patel	3/34	4.8	5.8	1.7	Uniformly low response rates for 475
475	Win26	Hussein	5/35	4.3	5.5	1.7	Uniformly low response rates for 475

# Final Notes

- No major concerns.
- Could use help from ACE on student course eval response rates.
  - High rates in embedded from instructors who assigned assessment as a required homework.
- Problems getting ABET reports done
  - CSE: perennial problem.
  - ECE: unusual, but fatigue after ABET visit?

\*\*\* End of Talk Marker \*\*\*

# Process

- End of Course reports can be found at the following link:
  - [https://vannevar.ece.uw.edu/cgi-bin/operations/advising/course\\_db/eq\\_main.pl](https://vannevar.ece.uw.edu/cgi-bin/operations/advising/course_db/eq_main.pl)
- You can see which End of Course reports are missing at the following link:
  - [https://vannevar.ece.uw.edu/cgi-bin/operations/advising/course\\_db/eq\\_reports\\_open.pl?](https://vannevar.ece.uw.edu/cgi-bin/operations/advising/course_db/eq_reports_open.pl?)