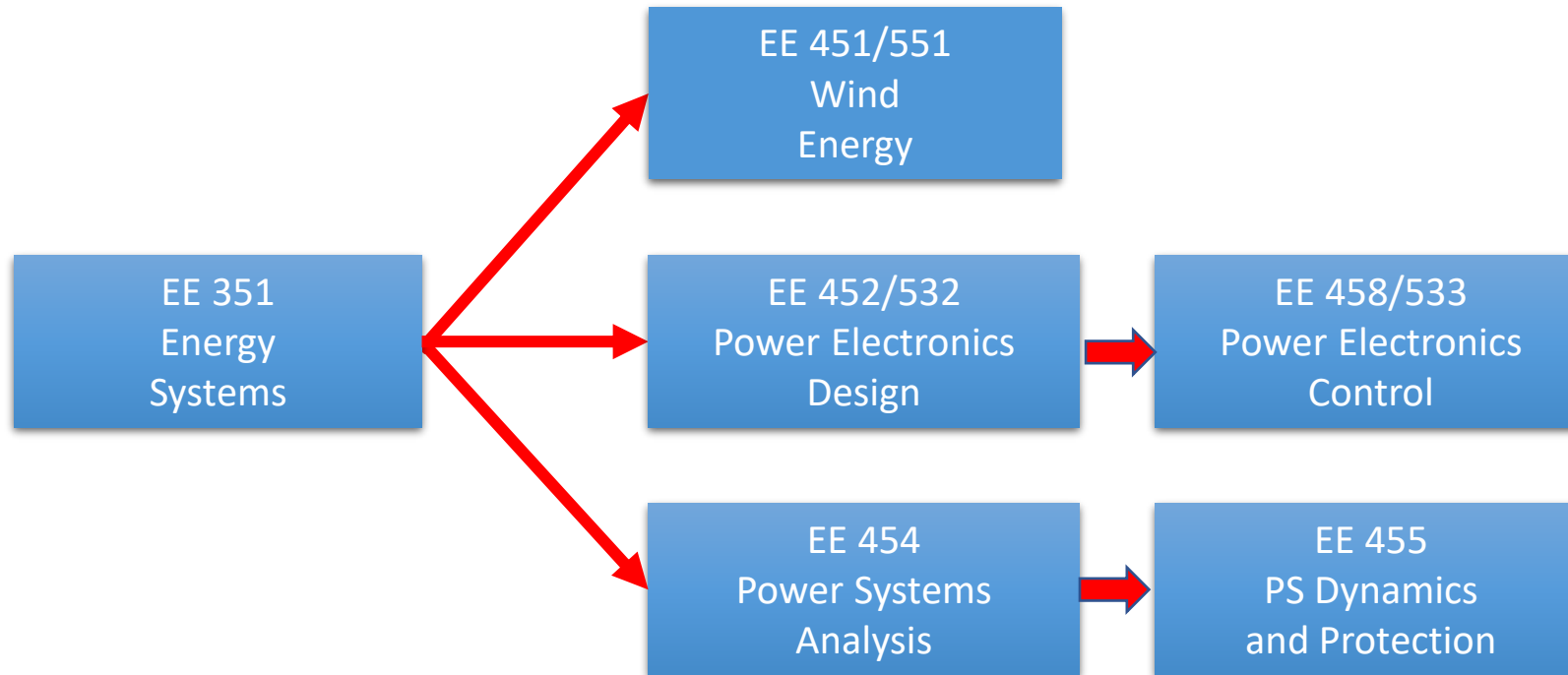


Energy Group ABET Review

Spring 2024

Daniel Kirschen



Enrollment

		Aut22	Win23	Spr23	Aut23	Win24	Spr24
351	Energy Systems			60			66
451/551	Wind Energy		11/8				6/16
452/532	Power Electronics Design	26/12			25/14		
454	Power System Analysis	30			25		
455	Power System Dynamics and Protection		28			25	
458/533	Power Electronics Controls					4/11	

Course Evaluations

Course	Instr.	Qtr.	Participation	Adj. Combined	CEI	Hours/Cr
351	Kirschen	Spr 23*	6/60	4.7	5.7	1.7
451/551	Lukuyu	Win 23*	19/20	4.3	4.8	2.1
452/532	Choi	Aut 23	30/38	4.6	5.5	2.2
454	Kirschen	Aut 23	11/26	4.8	5.1	2.2
455	Kirschen	Win 24	10/23	4.7	5.2	2.4
458/533	Choi	Win 24	11/15	4.4	5.7	2.9

Missing End-of-Course Reports

Missing Quarter	Course	Notes
Autumn 2022 (Dargahi)	452	Visiting instructor
Winter 2024 (Choi)	458	Asked again on 5/10

ABET Outcomes

Course	Title	Quarter Assessed	1	2	3	4	5	6	7
451	Wind Energy (Lukuyu)	Winter 2023*	0/0/2/1						0/0/0/3
452	Power Electronics Design (Choi)	Autumn 2023		0/0/1/5			0/1/0/5	0/1/0/5	
454	Power System Analysis (Kirschen)	Autumn 2023	?			NA			
455	Power System Dynamics and Protection (Kirschen)	Winter 2024	0/1/4/1	0/1/4/1					
458	Power Electronics Controls (Choi)	Winter 2024**							

Comments



- EE 233 is no longer a prerequisite for EE351
- We teach ac circuits in EE351
- New syllabus and title for EE451: wind energy → renewable energy
- Demand for these courses remains strong
- Revive EE456 in Spring 2025 to give students opportunity to practice with commercial-grade power system analysis software