

AET Energy Conversion & Storage Catalog 2025

Fall 14 hours	Math 131 (3) FA,SP,SU Appropriate math placement exam score or ACT Math 25 or higher or SAT Math 590 or higher	Engineering Fundamentals 141 (4) FA, SP Coreq- Math 131	Chem 122(3) and 123(1) or 128 (4) (NS) FA, SP, SU Prereq-Math 119; recommended background in Math 131 or ACT Math 25 or higher	English 101 or 131 (3) (WC) FA, SP, SU 101 Standard; 131 English for Non Native Speakers	
Spring 16 hours	Math 132 or 141 or 147 (3-4) (QR) FA,SP,SU Math 132 Prereq- Math 131 Math 141 Prereq- ACT Math 28 or SAT Math 660	EF 142 (4) (NS and EI) FA, SP Prereq- EF 141 with C- or better and Math 131 Coreq- Math 132	COSC 111 (3) (QR) FA, SP	English 102 or 132 (3) (WC) FA, SP, SU 102 Prereq 101; 132 Prereq 131	AET 101 (3) SP
Fall 15 hours	AET 200 (3) FA Prereq- Math 132 or 141 or 147	AET 210 (3) FA AET 200 coreq	AET 220 (3) FA	AET 301 (3) FA Prereq- AET 101 and Chemistry 122 and 123 or 128 Coreq- AET 200	MSE 201 or 207 (3) FA, SP, SU Prereq- Chem 122 and 123 or 128
Spring 16 hours	Stat 251 (3) FA, SP Prereq- Math 142 or 148 or AET 200	Econ 201 (4) (SS) FA, SP, SU	ESS 220 (3) (GCUS) SP, SU	AET 302 (3) SP Prereq AET 200	EF 305 (3) SP Must be Sophomore, Junior, or Senior.
Fall 15 hours	IE 340 (3) FA Prereq- IE 200 Recommended background completion of introductory course in probability and statistics.	ALEC 485 (3) (GCI and EI) FA	Vol Core (3) FA, SP, SU Expanded Perspectives- choose from AH, AAH, GCUS, GCI, or SS	AET 303 (3) FA Prereq- AET 200	ME 480 (3) FA
Spring 15 hours	IE 300 (3) SP Prereq- IE 200 or Stats 251	ESS 110 (3) (NS) SP	AET 333 or EF 333 (3) SP Students may not receive credit for both EF 333 or EF 333N, and AET 333.	MSE 455 (3) SP Prereq- MSE 201 or 207; English 102 or 132 or 298.	AET 360 (3) SP Prereq- AET 200
Fall 15 hours	ME 483 (3) FA Prereq- IE 200, CBE 301, ECE 313, Math 323, MSE 301 or Stats 251.	ME 450 (3) (OC) FA Prereq- ME 363 or 367 and 366 Coreq- ME 466 or 475	AET 420 (3) FA Prereq- AET 200 and 301	IE 452 (3) FA, SP Registration restriction-Minimum student level Junior.	Vol Core (3) FA, SP, SU Arts and Humanities (AH)
Spring 15 hours	ME 484 (3) SP Prereq- IE 200, CBE 301, ECE 313, Math 323, MSE 301 or Stats 251.	ME 460 (3) (AOC) SP Prereq-ME450	AET 430 (3) SP Prereq- AET 200, MSE 201/207, and MSE 455.	Technical Elective (3) FA, SP	Vol Core (3) FA, SP, SU Expanded Perspectives- choose from AH, AAH, GCUS, GCI, or SS

Volunteer Core courses highlighted in light orange.

Energy Conservation & Storage earns Engineering for Sustainability Minor Technical Track 2: Energy and Climate with ALEC 485, EF 305, ESS 110 and 220, ME 480, and MSE 455.

Energy Conservation & Storage earns Reliability and Maintainability Minor with IE 300 and 340, ME 483 and 484, and IE 200 or Stats 251. Each course must have a grade of C or higher.

All AET courses require a grade of C or better.