

AET Aerospace 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 Engl.102 Prereq 101; Engl. 132 Prereq 131	AET 101 (3) SP
Fall 15 hours	AET 200 (3) FA Prereq- Math 132 or 141 or 147	AET 210 (3) (EI???) FA AET 200 coreq	AET 220 (3) (OC??) FA	AET 233 (3) FA Prereq- 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	Vol Core (3) FA, SP, SU Expanded Perspectives- choose from AH, AAH, GCUS, GCI, or SS	AET 302 (3) SP Prereq- AET 200	AET 323 (3) SP Prereq- AET 200
Fall 15 hours	IE 340 (3) FA Prereq- IE 200 Recommended background completion of introductory course in probability and statistics.	Vol Core (3) FA, SP, SU Arts and Humanities (AH)	AET 303 (3) FA Prereq- AET 200	AET 310 (3) FA Prereq- AET 200	AET 320 (3) FA Prereq- AET 200
Spring 15 hours	IE 300 (3) SP Prereq- IE 200 or Stats 251	Vol Core (3) FA, SP, SU Global Citizenship United States	AET 333 or EF 333 (3) SP Students may not receive credit for both EF 333 or EF 333N, and AET 333.	AET 361 (3) SP Prereq- AET 200, 302, 320 Coreq-AET 340 (?)	AE 345 (3) SP Prereq- ME 321
Fall 15 hours	ME 483 (3) FA Prereq- IE 200, CBE 301, ECE 313, Math 323, MSE 301 or Stats 251.	AE 450 (3) (OC) FA Prereq- AE 351, 370 or 377, 363 Coreq-ME 344 and AE 425	AET 421 (3) FA Prereq- AET 200 and 320 and 340	IE 452 (3) FA, SP Registration restriction-Minimum student level Junior.	Vol Core (3) FA, SP, SU Global Citizenship International
Spring 15 hours	ME 484 (3) SP Prereq- IE 200, CBE 301, ECE 313, Math 323, MSE 301 or Stats 251.	AE 460 (3) (AOC) SP Prereq-AE 450 and 482	AET 431 (3) SP Prereq- AET 200 and 340	AET 441 (3) SP Prereq- AET 200 and 361	Vol Core (3) FA, SP, SU Expanded Perspectives- choose from AH, AAH, GCUS, GCI, or SS

Volunteer Core courses highlighted in light orange.

Applied Aerospace 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.

Note: Students will need permission for any classes for which they do not meet pre/corequisites
Students must complete Volunteer Core