

| Mechanical & Aerospace Engineering | | 21/22 | | | 22/23 | | | 23/24 | | | 24/25 | | | 25/26 | | |
|--|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| COURSE | PREREQ. (COREQ) | FA 21 | SP 22 | SU 22 | FA 22 | SP 23 | SU 23 | FA 23 | SP 24 | SU 24 | FA 24 | SP 25 | SU 25 | FA 25 | SP 26 | SU 26 |
| BME 3211 3(3,0) Engineering Biomechanics | "C" (2.0) or better in EGN 3310, EGN 3321, EGM 3601 | √ | | | √ | | | √ | | | √ | | | √ | | |
| BME 3891 3(3,0) Fundamentals of Rehab. Engineering | "C" (2.0) or better in EGN 3310, EGN 3321 | | √ | | | √ | | | | | | | | | | |
| EAS 3101 3(3,0) Fundamentals of Aerodynamics | "C" (2.0) or better in EML 3701 | √ | √ | | √ | √ | | √ | √ | | √ | √ | | √ | √ | |
| EAS 3530 3(3,0) Space Systems Concepts | "C" (2.0) or better in EGN 3321, MAP 2302, PHY 2049C | | √ | | | √ | | | √ | | | √ | | | √ | |
| EAS 3800C 3(2,3) Aerospace Engineering Measurements | "C" (2.0) or better in EGN 3343 | √ | √ | | √ | √ | | √ | √ | | √ | √ | | √ | √ | |
| EAS 3810C 3(1,3) Design of Aerospace Experiments | "C" (2.0) or better in EAS 3800C, EML 3701 | √ | √ | | √ | √ | | √ | √ | | √ | √ | | √ | √ | |
| EAS 3933 0(0,0) AE Career Faculty Advising I | "C" (2.0) or better in MAP 2302 | √ | √ | | √ | √ | | √ | √ | | √ | √ | | √ | √ | |
| EAS 4105 3(3,0) Flight Mechanics | EAS 3101, (EML 4225) | √ | | | √ | | | √ | | | √ | | | √ | | |
| EAS 4134 3(3,0) High-Speed Aerodynamics | "C" (2.0) or better in EAS 3101 | √ | √ | | √ | √ | | √ | √ | | √ | √ | | √ | √ | |
| EAS 4200 3(3,0) Analysis and Design of AE Structures | "C" (2.0) or better in EGM 3601 | √ | | | √ | | | √ | | | √ | | | √ | | |
| EAS 4300 3(3,0) Aerothermodynamics of Propulsion Systems | "C" (2.0) or better in EAS 4134/EML 4703 | √ | √ | | √ | √ | | √ | √ | | √ | √ | | √ | √ | |
| EAS 4505 3(3,0) Orbital Mechanics | "C" (2.0) or better in MAC 2311C - 2313, MAP 2302, PHY 2048C, EGN 3321 | | √ | | | √ | | | √ | | | √ | | | √ | |
| EAS 4700C 3(2,4) Aerospace Design I | "C" (2.0) or better in EAS 3800C, EGN 3373, EML 3701, EML 4225 (EAS 4931) | √ | √ | | √ | √ | | √ | √ | | √ | √ | | √ | √ | |
| EAS 4703 3(3,0) Small Satellite Payload & Integration | "C" (2.0) or better in EAS 3800C/ EML 3303C | √ | | | √ | | | √ | | | √ | | | √ | | |
| EAS 4710C 3(2,4) Aerospace Design II | "C" (2.0) or better in EAS 4700C, EAS 4931 | √ | √ | | √ | √ | | √ | √ | | √ | √ | | √ | √ | |
| EAS 4931 0(0,0) AE Career Faculty Advising II | EAS 3933, Department Consent | √ | √ | | √ | √ | | √ | √ | | √ | √ | | √ | √ | |
| EGM 3601 3(3,0) Solid Mechanics | "C" (2.0) or better in MAC 2311 - 2313, PHY 2048C, EGN 3310 | √ | √ | | √ | √ | | √ | √ | | √ | √ | | √ | √ | |
| EGM 3601H 3(3,0) Solid Mechanics Honors | "C" (2.0) or better in MAC 2311 - 2313, PHY 2048C, EGN 3310 | | √ | | | √ | | | √ | | | √ | | | √ | |
| EGN 3321 3(3,0) Engineering Analysis - Dynamics | "C" (2.0) or better in MAC 2313, EGN 3310 | √ | √ | | √ | √ | | √ | √ | | √ | √ | | √ | √ | |
| EGN 3321H 3(3,0) Engineering Analysis - Dynamics Honors | "C" (2.0) or better in MAC 2313, EGN 3310 | √ | √ | | √ | √ | | √ | √ | | √ | √ | | √ | √ | |

| Mechanical & Aerospace Engineering | | 21/22 | | | 22/23 | | | 23/24 | | | 24/25 | | | 25/26 | | |
|--|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| COURSE | PREREQ. (COREQ) | FA 21 | SP 22 | SU 22 | FA 22 | SP 23 | SU 23 | FA 23 | SP 24 | SU 24 | FA 24 | SP 25 | SU 25 | FA 25 | SP 26 | SU 26 |
| EML 4301C 3(2,3) Mechanical Systems Lab | "C" (2.0) or better in EML 3303C, EGM 3601 (EML 4225) | √ | √ | | √ | √ | | √ | √ | | √ | √ | | √ | √ | |
| EML 4306C 3(2,3) Energy Systems Lab | "C" (2.0) or better in EML 3303C, (EML 4142) | √ | √ | | √ | √ | | √ | √ | | √ | √ | | √ | √ | |
| EML 4313 3(3,0) Intermediate Sys Dynamics & Controls | "C" (2.0) or better in EML 4225, EGN 3373, MAP 2302, EGN 3321, EML 4225 | √ | | | √ | | | √ | | | √ | | | √ | | |
| EML 4321 3(3,0) Advanced Manufacturing | "C" (2.0) or better in EGN 3365/EMA 3706 | | | | | | | | | | | | | | | |
| EML 4327 3(3,0) Digital Manufacturing | "C" (2.0) or better in EGM 3601 | √ | | | √ | | | √ | | | √ | | | √ | | |
| EML 4411 3(3,0) Mechanical Power Systems | "C" (2.0) or better in EGN 3343 | | √ | | | √ | | | √ | | | √ | | | √ | |
| EML 4454 3(3,0) Turbines for Sustainable Power | "C" (2.0) or better in EGM 3601, EGN 3365/EMA 3706, EML 3701 (EML 4142) | √ | | | √ | | | √ | | | √ | | | √ | | |
| EML 4501C 3(2,4) Engineering Design I | "C" (2.0) or better in EML 3303C, EGN 3373, EML 3701, EML 4142, EML 4225 (EML 4931) | √ | √ | | √ | √ | | √ | √ | | √ | √ | | √ | √ | |
| EML 4502C 3(2,4) Engineering Design II | "C" (2.0) or better in EML 4501C, EML 4931 | √ | √ | | √ | √ | | √ | √ | | √ | √ | | √ | √ | |
| EML 4504 3(3,0) Machine Design II | "C" (2.0) or better in EML 3500 | | √ | | | √ | | | √ | | | √ | | | √ | |
| EML 4600 3(3,0) HVAC Systems Engineering | "C" (2.0) or better in EGN 3343 | √ | | | √ | | | √ | | | √ | | | √ | | |
| EML 4703 3(3,0) Fluid Mechanics II | "C" (2.0) or better in EML 3701 | √ | | | √ | | | √ | | | √ | | | √ | | |
| EML 4931 0(0,0) ME Career Faculty Advising I | EML 3933, Department Consent | √ | √ | | √ | √ | | √ | √ | | √ | √ | | √ | √ | |