Minor in Aerospace Engineering

EMAE

Degree Services
Registrar’s Office

Name (please print): ____________________________________________________________________________
(Last)                                                   (First)                                                 (Middle)

Student Number: ___________________________

Primary Major: _____________________________   Expected Major Completion Term: _________________

Required Courses – 9 credits maximum

_____ MEEM2150 Mechanics of Materials (3) ** OR
    ENG2120 Statics-Strengths of Materials* (4)
_____ MEEM3201 Energy-Thermal-Fluids II (4) ** OR
    MEEM3210 Fluid Mechanics (3) ** OR
    ENG3200 Thermodynamics/Fluid Mechanics* (4)
_____ MEEM4810 Intro to Aerospace Engineering (3)

Elective Courses – 4 credits minimum

_____ ENT4950 Enterprise Project Work V** (2)
_____ ENT4960 Enterprise Project Work VI** (2)
_____ ENT4961 Enterprise Project Work VII** (1)
_____ MEEM4210 Computational Fluids Eng (3)
_____ MEEM4720 Space Mechanics (3)
_____ MEEM4230 Compressible Flow/Gas Dynamics (3)
_____ MY4155 Composite Materials (3)

*Minor credit cannot be granted for ME majors for these two courses.

**Requires minor advisor approval of project

Remaining Elective Courses

Students must select remaining credits from the following courses to complete requirements for the minor.

_____ MEEM4150 Int Mechanicals of Materials (3)
_____ MEEM4170 Failure of Materials in Mechanics (3)
_____ MEEM4180 Engineering Biomechanics (3)
_____ MEEM4630 Human Factors (3)
_____ MEEM4650 Quality Engineering (3)
_____ MEEM4701 Analytical & Experimental Modal Analysis (3)
_____ MEEM4704 Acoustics and Noise Control (3)
_____ MEEM4705 Intro to Robotics and Mechatronics (4)
_____ MY4800 Material and Process Selection (3)

Credits Required = 16

Total Credits _______

Courses listed in this minor have the following prerequisites (shown in parenthesis). Concurrency is illustrated by the letter C: MEEM2150 (MEEM2110, ENG2120(MA2160, PH2100, ENG1102), MEEM3210 (MEEM2200, MEEM2700C) and (MA3520 or MA3521 or MA3530 or MA3560), ENG3200 (MA2160 and CH1112) or (CH1150 and CH1151) and PH2100 and ENG1102, MEEM4810 (MEEM2150 or ENG2120) and (MEEM3210 or ENG3200), ENT4950 (BE3500C and BE3600 and BE3750 or MEEM4180) or (CE3620 or CE3810 and CE3331) or (CM4855C or CS4710 or CS4711 or CS4712) or (EE3173 or EE3305) and EE3173 or EE3130 or EE4431) or (MEEM3000C and MEEM3900) or (MY3110 and MY3200 and MY3210 and MY3300 and MY3410), ENT4960 (ENT4950), ENT4961 (ENT3950 and ENT3960 and ENT4950 and ENT4960), MEEM4210 (MEEM3230C), MEEM4720 (MEEM2700), MEEM4230 (MEEM3210 or ENG3200), MY4155 (MY2100), MEEM4150 (MEEM2150), MEEM4170 (MEEM3501), MEEM4180 (MEEM2700 and MEEM2150), MEEM4630 (Senior standing), MEEM4650 (MA3710 or MA3720), MEEM4701 (MEEM3000 and MEEM3700), MEEM4704 (MA3160 and MEEM2700), MEEM4705 (MEEM4700C), MY4800 (MY2100)

Student        Date        Academic Advisor         Date

Academic Year 2014-15