### AEROSPACE ENGINEERING

College of Engineering and Mines  
907-474-6098  
[www.uaf.edu/cem/](http://www.uaf.edu/cem/)

**Minor only**

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1. Complete the following:
   - ME F451—Aerodynamics..........................................................\(3\)
   - ME F452—Introduction to Astrodynamics .................................\(3\)

2. Complete three of the following:
   - EE F434—Instrumentation Systems........................................\(4\)
   - EE F444—Embedded Systems Design........................................\(4\)
   - EE F471—Fundamentals of Automatic Control (3)  
     or ME F409—Controls (3) .........................................................\(3\)
   - GEOS F422—Geoscience Applications of Remote Sensing ...........\(3\)
   - ME F408—Mechanical Vibrations .............................................\(3\)
   - ME F450—Theory of Flight .......................................................\(3\)
   - ME F453—Propulsion ...............................................................\(3\)

3. Minimum credits required ......................................................\(15\)

*Students must earn a C- or better in each course.*

**Note:** This minor may require substantial prerequisite courses for non-ME and non-EE majors, which should be taken into consideration.