

Submit originals and one copy to the Faculty Senate Office  
 Email electronic copy (with scanned signatures) to [tjbharvie@alaska.edu](mailto:tjbharvie@alaska.edu)

**REQUEST FOR A NEW MINOR**

**SUBMITTED BY:**

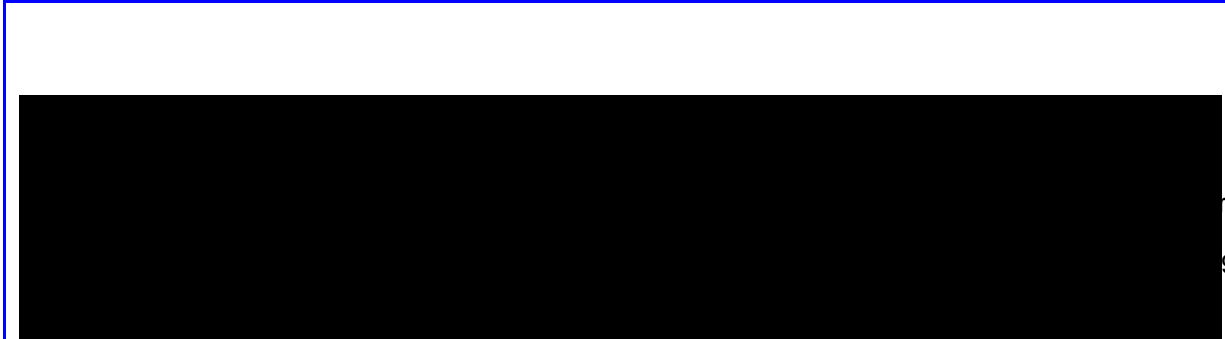
Department	Electrical & Computer Engineering	College/School	College of Engineering & Mines
Prepared by	Dr Michael Hatfield	Phone	474.6098
Email Contact	<a href="mailto:mchatfield@alaska.edu">mchatfield@alaska.edu</a>	Faculty Contact	Dr Michael Hatfield

See [http://www.uaf.edu/uafgov/faculty/faculty\\_senate/curriculum/course\\_req](http://www.uaf.edu/uafgov/faculty/faculty_senate/curriculum/course_req) for a complete description of the rules governing minor requirements.

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who notify the Registrar's Office." From the General University Requirements section of "How to Earn a Bachelor's Degree" in the UAF Catalog.	
<b>Do all the required courses currently exist?</b>	yes
<b>If not, list the corresponding New Course paperwork associated with this request:</b>	

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seen in the news. In addition, this program leverages the new UAS joint position between CEM



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93),

**B. PROPOSED MINOR REQUIREMENTS AS THEY WILL APPEAR IN THE CATALOG :**

See samples provided on page 3

***C. ESTIMATED IMPACT***

## Course Prerequisites/Cerequisites

### ME408, Mechanical Vibrations

ES201  
ES210  
ES301

### ME209, Controls

ES201  
ES301

### ME450, Theory of Flight

ES346

### ME451, Aerodynamics

ES301  
ES341  
ES346  
ME313(c)

### ME452, Introduction to Astrodynamics

ES208 or ES210  
Math302

### ME453, Propulsion Systems

ES341  
ME313(c)

### EE434, Instrumentation Systems

COMM131X or COMM141X  
EE334  
EE343  
EE354  
ENGL111X  
ENG211X or ENGL 213X

### EE444, Embedded Systems Design

COMM131X or COMM141X  
EE343 or EE341  
EE354  
EE443  
ENGL111X  
ENG211X or ENGL 213X

### EE471, Fundamentals of Automatic Controls

EE353  
Math302