

ASE 221K  
Structural Analysis

Spring      Summer      Fall      Year: \_\_\_\_\_

**Instructor:**

This course contributes significantly to these ASE program outcomes:

- [1] The ability to apply knowledge of mathematics, physics, chemistry and engineering science to solve engineering problems (a).
- [2] The ability to identify, formulate, and solve problems in aerospace structures, air-breathing and rocket propulsion, flight dynamics, and flight control systems using modern engineering techniques and tools (e, k)
- [3] The ability to analyze and perform preliminary design of components of aerospace structures, air-breathing and rocket propulsion systems, and flight control systems using modern engineering techniques and tools (c,k)
- [7] The ability to recognize the impact of engineering systems on the environment and society and an understanding of professional and ethical responsibility (f, h, j)
- [8] Recognition of need and the ability to engage in lifelong learning (i)

**Assignment** (circle one): Homework # \_\_\_ Exam # \_\_\_ Final Project Other

**If Other, explain:** \_\_\_\_\_

**Relevant outcomes:**            1        2        3        7        8

**Explanation:** \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Relevant outcomes:**            1        2        3        7        8

**Explanation:** \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_