

ASE/EM 339

Advanced Strength of Materials

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)

Assignment (circle one): Homework # ___ Exam # ___ Final Project Other

If Other, explain: _____

Relevant outcomes: 1 2 3 7

Explanation: _____

Relevant outcomes: 1 2 3 7

Explanation: _____

