ASEN 5018/6028: Graduate Projects Syllabus
Ann and H.J. Smead Aerospace Engineering Sciences
Fall 2023

Course Coordinator: Chris Koehler / AERO 219 / 303-492-7814
Course Teaching Assistant: Nathan Foote and Emily Mitzak

Lecture Section: ASEN 5018 800 / 6028-800 / AERO 111
Monday 4:10 5:00 P01 6 4 0. MTJETQ0.00000912 0 612 792 reW*nBT/F1 12 Tf1 0 0 1 72.0247634.42

complex aerospace engineering project as part of a project team. This engineering project work will include project management, systems engineering, and subsystem-level design, build, and testing. Hands-on projects are related to the focus areas in the aerospace engineering sciences department: Aerospace Engineering Systems, Astrodynamics and Satellite Navigation Systems, Bioastronautics, and Remote Sensing, Earth and Space Sciences. Students completing this course sequence will be better prepared for the many types of project work and team dynamics they will encounter in government and industry career positions.

Course Objectives: Students will participate in and engage in the following five objectives:

1. Project Management and Systems Engineering
2. Formal presentations, design reviews, and project documentation
3. Hands-on contribution to complex engineering project
    a. Design, Build, Test, and Verify
4. Leadership and skill development
    a. Technical Leadership, SE, or PM roles
    b. Presentation/Public speaking skills
5. Career exploration in academia, industry, government, and entrepreneurial opportunities

Course Grading:

Attendance Policy:

Classroom Behavior

Accommodation For Disabilities

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