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8:30-10:20

1030-12:20

12:30-2:20

2:30-4:20

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Prerequisite courses of ASEN 2001 and ASEN 2012 and APPM 2350 or MATH 2400 (all minimum grade C). Prerequisite or corequisite course of APPM 2360. Coreq of ASEN 2703. Restricted to Aerospace Engineering (ASEN) majors only.

Tgswktgf"Gswkr o gpv< A way to submit work as a PDF. Recommended software: MATLAB.

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Primary Objectives Explore the fundamental concepts, principles, and analytical tools of aerospace engineering, and reinforce concepts from ASEN 2703 through a variety of experiential learning activities. This laboratory course provides an exploration of: dynamical systems, experimental data collection, and interpretation of experimental data using theoretical principles and analysis. The above topics are explored in the context of particle and planar rigid body dynamics, systems and feedback control.

Individual Work

Group Work:	Lab Assignments* (3 assignments)	30% (10% each)
	Weekly group deliverables	20%
Individual Work:	Individual Contributions	30% (10% each)
	Peer Engagement & weekly timesheets	20%
		100%

*Individual grades for lab assignments may be adjusted by instructor(s) based on peer evaluations. Exemplary peer evaluations may result in an increased individual lab assignment grade whereas poor peer evaluations will result in a lower assigned grade. Individuals whose name does not appear on a group submission will not receive credit for the assignment. Groups are encouraged to leave off the names of individuals who did not contribute to the lab assignment.

AES department policy: group work grade only counts towards final grade if the total individual grade is C or better.

Grading Philosophy: Your letter grades will be assigned based on expectations of performance. A letter grade of 'A' represents superior/excellent performance, a grade of 'B' represents good/better than average performance, while a grade of 'C' represents competent/average performance (which is in accordance with CUthe CUtitixiaells performances os #e gsedn pax a grade os 'C rpeave the thr Iouor,lav,C rr .

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3 (three) Individual Contributions: Individual grades will be awarded based on a combination of the correctness, completeness, and the relative weighting of sections an individual is listed as the primary and/or secondary contributors on the lab assignments and the peer evaluations.

See the course schedule for important dates related to lab assignment submissions and assessments.

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1. We reserve the right to make changes to the weekly course schedule based on occurring events that require different dispositions. We will give sufficient advance notice through announcements in class and posting on the website. Changes to this syllabus and schedule may be announced at any time during class periods. We will post the current syllabus and schedule on the course website.
2. The primary means for general course announcements will be via course-wide Canvas announcement. Please ensure you have enabled notifications. Informal questions and discussions will be handled via the course Slack site: **Instructors**, TFs, and LAs will all monitor Slack for questions. Private student questions or coordination can be handled via direct Slack message to the instructors. If we receive an email regarding one of these topics we will refer you to the Slack discussion board. Emails to the instructor should occur if you experience a medical/family emergency, or if you are struggling in the course and need to discuss success strategies. Emails will be responded to during business hours, i.e. Monday through Friday, 8:00 am – 5:00 pm.
3. Please note in case of a medical/family emergency, you should contact the office of Student Support and Case Management here: <<https://www.colorado.edu/studentaffairs/sscm>>. They will help you coordinate across ALL of your courses and can put you in touch with a number of campus resources.
4. We reserve the right to make changes to the weekly course schedule based on occurring events that require different dispositions. We will give sufficient advance notice through announcements in class and posting on the web. Changes to this syllabus and assignments-table may be announced at any time during class periods. We will post the current syllabus and ThMMC

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