

AE-714 AdvancedFlight Dynamics I Fall 20

Instructor:

J. Steck

Measurable Student Learning Outcomes

1. an ability to apply knowledge of mathematics, science, and engineering [ABET criterion 3(a)]
2. an ability to design a system, component, or process to meet desired needs [ABET 3(c)]
3. an ability to identify, formulate, and solve engineering problems [ABET 3(e)]
4. an ability to use the techniques, skills, and modern engineering tools necessary for engineering practice [ABET criterion 3(k)]

For more information on ABET outcome criteria, visit: http://www.abet.org/accreditation/accreditation_criteria/criteria-for-accrediting-engineering-programs20162017/#outcomes

Required Texts/Readings Textbook

Airplane Flight Dynamics and Automatic Flight Controls, Part I, J. Roskam.

Other References:

Dynamics of Flight, Stability and Control, Third Edition, B. Etkin, L. Reid
Introduction to Flight, Fifth Edition, John Anderson, Jr.

Class Protocol: Attendance

It is important that you attend all meetings of the class, and that you arrive on time for class. Arriving late is disruptive and unfair to those students that have arrived to class on time. Chronic attendance problems will affect your ability to learn the material and your grade and could result in your removal from the class.

Grading Scale

WSU uses a +/- grading scale for final grades and to calculate grade point averages. In other classes, grades are assigned according to the following chart. (Other classes might assign grades differently: Be sure to understand the different grading scales in all of your classes.)

Points/percentages, as instructor chooses

Letter grade

is due. Each student who turns in homework must be present in class. Late assignments will not be accepted for a grade unless arraignments are made with the instructor prior to the due date.

1. Use 8+1/2" by 11" paper only.
2. Write on only one side of the page.
3. Put problems in same order as the assignment
4. STAPLE THE PAGES TOGETHER.

And remember at all times that it is not good enough if only you know what you did do, if I can't read it, I will not grade it. Homework that is disorganized and not in correct order will receive a grade deduction.

Exams and Grading:

1. There will be three (3) one hour exams, 100 points each.
2. NO MAKE-UP TESTS WILL BE GIVEN.

Final Grades:

Exams	300
Homework	100
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Total	400

Undergraduate vs. Graduate Credit for 700 level courses

Undergraduate students enrolled in 700 level courses will receive undergraduate credit (not graduate credit) unless they have a previously approved senior rule application or dual/accelerated enrollment form on file in the Graduate School. Undergraduate credit earned in 700 level courses cannot later be counted toward a graduate degree

Important Academic Dates

For Fall 2015 semester, classes begin August 18, 2015. Last date to drop a class and receive a W (withdrawn) instead of F (failed) is _____, 2015. Classes resume Labor Day, Sept 6, 2016 and Fall Break, October 13, 2015. The final exam period is _____, 2015. Thursday, Dec 10, 2015 04:50 PM

Disabilities

If you have a physical, psychiatric/emotional, or learning disability that may impact on your ability to complete assignments, please contact the Disability Resource Center at 330-939-3333. You may also contact your instructor for accommodations. For more information, visit the Disability Resource Center website at www.ohio.edu/disability.

Diversity and Inclusive

Wichita State University is committed to being an inclusive campus that reflects the evolving diversity of society. To further this goal, WSU does not discriminate in its programs and activities on the basis of race, religion, color, national origin, gender, age, sexual orientation, gender identity, gender expression, marital status, political affiliation, status as a veteran, genetic information or disability. The following person has been designated to handle inquiries regarding nondiscrimination policies: Executive Director, Office of Equal Employment Opportunity, Wichita State University, 1845 Fairmount, Wichita, KS 67260 telephone (316) 978-86.

Intellectual Property

Wichita State University students are subject to Board of Regents and University policies (http://webs.wichita.edu/inaudit/ch9_10.htm) regarding intellectual property rights. Any questions regarding these rights and any disputes that arise under these policies will be resolved by the President of the University, or the President's designee, and such decision will constitute a final decision.

Shocker Alert System

