

AerE 310**Aerodynamics****Spring 2016**

Section: 001

Instructor: T. Ward, Howe 2247

Time: Mon, Wed, Fri 9:00-9:50 am

Office Hrs: MW 3:00-4:30 PM

Room: Howe Hall 2228

Preq.: MATH 256 , C- or better in AerE 261

Text: J. D. Anderson, Fundamentals of Aerodynamics, 5th Ed., McGraw-Hill 2011 (or later)

Course Grade: Quizzes 10 %, Tests (3) 60 %, Final Exam 30 %

Course Policy: Tests and Final exam are open book. All material submitted for grading must be on one side only of clean paper. Paper is sometimes provided for the test or the final exam. Credit will not be given for answers without supporting analyses, or for tests turned in late. There must be no collaboration on the tests or the exam. Some course notes will be posted on the AerE Blackboard web page. No cell phone use during exams.

Schedule

<u>Date</u>	<u>Reading</u>	<u>Date</u>	<u>Reading</u>
Jan. . 11	Intro/Chap. 1	7	4.2
13	Math Rev/Chap. 1	9	4.3
15	2.1-2.3	11	Test No. 2
18	No class	14	Spring Break
20	2.3,2.11	16	Spring Break
22	2.14	18	Spring Break
25	2.9-2.10	21	4.4
27	2.4	23	4.5
29	2.5	25	4.7
Feb. 1	2.5	28	4.8
3	2.12	30	4.8
5	2.15	Apr. 1	4.13
8	3.1	4	5.1
10	3.2	6	5.2
12	Test No. 1	8	5.3
15	3.4	11	5.3
17	3.5	13	5.3
19	3.6	15	5.6
22	3.11-3.12	18	5.6
24	3.12-3.13	20	6.1
26	3.13-3.15	22	Test No. 3
29	3.15-3.16	25	6.2
Mar. 2	3.17-3.20	27	15.1-15.3
4	4.1	29	15.5

May 6 (Friday) **Final Exam** (7:30-9:30 AM)

GRADING SCALE

A	93.1-100
A-	90-93
B+	87-89.9
B	83.1-86.9
B-	80-83
C+	77-79.9
C	73.1-76.9
C-	70-73
D+	65-69.9
D	60-64.9
F	0-55

Academic Integrity (cheating): This class will follow Iowa State University's policy on academic dishonesty. Anyone suspected of academic dishonesty will be reported to the Dean of Students Office.

More information may be found at: <http://dso.iastate.edu/ja/academic/misconduct.html>

Students with disabilities: "Students are encouraged to schedule their examinations with accommodations to be taken with their instructor or TA, when possible. However, Professors/Instructors can work with our staff at the Exam Accommodation Center (EAC) located in the Hixson-Lied Student Success Center by completing the "Exam Accommodation Referral" form. If you have further questions you can call 515-294-7220.

Exam Accommodations Center hours are 8:00 a.m. - 5:00 p.m. Monday - Friday. Please note: One week advance notice is needed to coordinate exams at the EAC."

More information may be found at: <http://new.dso.iastate.edu/dr/student>

Dead Week: This class follows the Iowa State University Dead Week policy as noted in section 10.6.4 of the faculty Handbook: <http://www.provost.iastate.edu/resources/faculty-handbook>.

Harassment and Discrimination: Iowa State University strives to maintain our campus as a place of work and study for faculty, staff, and students that is free of all forms of prohibited discrimination and harassment based upon race, ethnicity, sex (including sexual assault), pregnancy, color, religion, national origin, physical or mental disability, age, marital status, sexual orientation, gender identity, genetic information, or status as a U.S. veteran. Any student, who has concerns about such behavior should contact his/her instructor, <http://www.studentassistance.dso.iastate.edu/>, Student Assistance at 515-294-1020 or email dso-sas@iastate.edu, or the <http://www.eoc.iastate.edu/discrimination/assistsors> Office of Equal Opportunity and Compliance (eooffice@iastate.edu) at 515-294-7612.

Religious Accommodation: If an academic or work requirement conflicts with your religious practices and/or observances, you may request reasonable accommodations. Your request must be in writing, and your instructor will review the request.

More information may be found at: <http://www.hrs.iastate.edu/hrs/node/269>

TW3 ver. 5.1