

AE 711, Intermediate Aerodynamics, Fall, 20xx

**Instructor:**

Linda Kliment

**Department:**

Department of Aerospace Engineering

### Other Readings (Suggested)

- Katz, Joseph and Plotkin, Allen, *Low-Speed Aerodynamics: from wing theory to panel methods*, McGraw-Hill, 1991
- Anderson, John D., *Fundamentals of Aerodynamics*, Fifth Edition, McGraw Hill, 2011
- Kuethe, Arnold and Chow, Chuen-Yen, *Foundations of Aerodynamics*, Fifth Edition, John Wiley and Sons, 1998
- Moran, Jack, *An Introduction to Theoretical and Computational Aerodynamics*, John Wiley and Sons, 1984
- Karamcheti, Krishnamurthy, *Principles of Ideal-Fluid Aerodynamics*, John Wiley and Sons, 1966

### Class Protocol

The students are expected to attend class. If a class must be missed for unavoidable circumstances, the student is expected to know what was covered during the class period by obtaining notes from classmates and/or reading the textbook.

### Grading Scale

WSU uses a +/- grading scale for final grades and to calculate grade point averages. In this class, grades are assigned according to the points earned out of a total 600 points possible. In this class, 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	Letter grade	Grade Points	Interpretation
	A	4.00	<i>The A range denotes excellent performance.</i>
	A-	3.70	
	B+	3.30	
	B	3.00	<i>The B range denotes good performance.</i>
	B-	2.70	
	C+	2.30	
	C	2.00	<i>The C range denotes satisfactory performance.</i>
	C-	1.70	
	D+	1.30	
	D	1.00	<i>The D range denotes unsatisfactory performance.</i>
	D-	0.70	
	F	0.00	<i>F denotes failing performance.</i>

### Assignments

There will be homework and exams during the fall 2015 semester. Homework is expected to be individually performed. Exams will take part during the class period and will be closed book, closed notes, with an equation sheet provided by the instructor. Homework will be worth 50 total points. There will be three exams, each worth 130 points, for a total of 390 points. Due dates for the homework and exam days will be announced during class. Study problems will be available to help with homework and exam preparation.

There will be one comprehensive final exam at the end of the semester. The final exam will be closed book, closed notes, with an equation sheet provided by the instructor. The final exam will be worth 160 points. The final exam will be held during the allotted time on the final exam schedule.

### **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.

### **Late Assignments**

Homework submitted after the due date will receive no credit without prior arrangement.

### **Missed Assignments and Exams**

A makeup exam or final will be given for documented cases. If possible, the student should notify the instructor prior to the exam. Only those documented incidents that are beyond the control of the student, such as serious accidents and illnesses, will be considered as reasons for a makeup.

### **Important Academic Dates**

The last date to drop a class and receive a W (withdrawn) instead of F (failed) is October 27, 2015.

### **Disabilities**

If you have a physical, psychiatric/emotional, or learning disability that may impact on your ability to carry out assigned course work, I encourage you to contact the Office of Disability Services (DS). The office is located in Grace Wilkie Annex, room 150, (316) 978-3309 (voice/tty) (316-854-3032 videophone). DS will review your concerns and determine, with you, what academic accommodations are necessary and appropriate for you. All information and documentation of your disability is confidential and will not be released by DS without your written permission.

### **Student Health Services**

WSU's Student Health clinic is located in 209 Ahlberg Hall. Hours are 8:00 am to 7:00 pm Monday through Thursday and 8:00 am to 5:00 pm on Fridays. The clinic may be closed occasionally on Wednesdays from noon to 1:30 pm. The telephone number is (316) 978-3620.

