

# ME 565 Winter 2009

## Mechanical Engineering Analysis II

This material is tentative!

Please check the class website (which should come on line this afternoon) regularly for announcements, updates, reminders, etc:

<http://courses.washington.edu/me565w09/>

Class time: MWF 9:30-10:20am, LOW 216

Also available on streaming video at

<http://www.engr.washington.edu/edge/me565/me565vd.html>

Streaming media questions should be directed to

[edgeweb@u.washington.edu](mailto:edgeweb@u.washington.edu) or 206-543-4689

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A University of Washington [EDGE](#) course  
For questions regarding handling of homework and exams, please contact the EDGE materials handlers at: [edgematl@u.washington.edu](mailto:edgematl@u.washington.edu)

Tentative contact information

**Instructor:**

Professor Duane Storti

office: MEB 308

tel: (206) 543-2956

email: [storti@u.washington.edu](mailto:storti@u.washington.edu)

office hours: **M 1:00-2:00pm** for in house students

**M 2:00-2:30pm** for EDGE students

**Teaching Assistant:** Ms. Elisabetta Valenti

office: MEB 107

email: [evalenti@u.washington.edu](mailto:evalenti@u.washington.edu)

Phone office hours for EDGE students:

**T 10:30-11:00am, 3:00-3:30pm** at (206) 543-4479

Office hours: **T 9:30-10:30am, 2:00-3:00pm**

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### **Remark on Using E-MAIL**

E-mail communication is encouraged. Please put ME565 in the subject line for faster response. Remember also that the more specific the inquiry, the more likely you are to get a useful reply.

### **Textbook**

E. Kreyszig, "Advanced Engineering Mathematics", **9th edition**, John Wiley.

### **Course Goals**

To establish a common set of mathematical tools and language to support your efforts in future courses and research.

### **Prerequisites**

Graduate standing in Mechanical Engineering or permission by instructor. Note that this class assumes familiarity with ordinary differential equations, vector analysis, and linear algebra as covered in ME564. If you are not comfortable with that material, this may not be an appropriate class for you.

### **Homework**

Assignments will typically appear by Wednesday afternoon on the course website. Completed assignments are due the following Wednesday in class for students registered for on-campus instruction. For EDGE students, homework must be received by the TA Friday before 2pm. Solutions will typically be posted Friday afternoon after 3pm.

Students are encouraged to form study groups, but the homework that you submit must be your own work.

An unspecified subset of problems from each assignment will be graded.

### **Approximate Grading Scheme**

Homework: 30%  
Midterm I: 20%  
Midterm II: 25%  
Final Exam: 25%

### **Tentative Schedule**

First day of class – Monday, Jan. 5  
Midterm I – Friday, Jan. 30  
Midterm II – Take home exam TBA (late Feb.)  
Holidays – Jan. 19, Feb. 16  
Last day of class – Friday, Mar. 13  
Final exam – 8:30-10:20am, Wednesday, Mar. 18 (verify official listing on myuw)