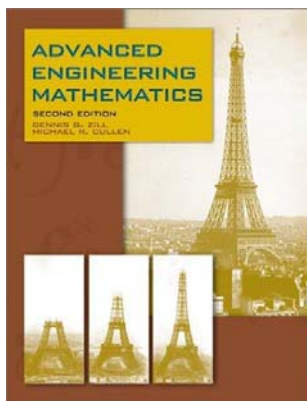


ME391 Mechanical Engineering Analysis. Section 1 - Spring 2006

Important Updates: To install Matlab for free please follow these [instructions](#).

For example, please see an [online teaching presentation](#) on eigenvalues and eigenvectors.

Time and Location: MWF 12:40-1:30, Engineering Building, Room #2205

Instructor: [Prof. Nikolai Priezjev](#), EB2465, phone: 432-9132, email: priezjev@egr.msu.edu

Instructor Office Hours: M 4:00-5:00, W 2:45-3:45, F 4:00-5:00

Please check your schedule and see if there is a conflict with the time for office hours.

Grader: Yuxin Zhang, email: zhangyux@msu.edu

Required Textbook: Advanced Engineering Mathematics, by D.G. Zill and M. R. Cullen, 2nd edition, Jones and Bartlett publishers, 2000. ISBN 0-7637-1065-2

Homework: Homework problems will be assigned. Only a few selected problems need to be turned in for grading and each problem will be graded on a simple point scale (0,1,2,3). They are clearly marked on the [schedule](#) by underline. Each submitted problem must be completed on the front of one page and so each submitted assignment must consist of the same number of pages as number of assigned problems (stapled together). Point deductions will occur for unclear presentation. The homework due dates are listed in the schedule. Late homework receives no credit. Solutions to all problems will be posted on the schedule webpage. Student collaboration on the homeworks is encouraged, but you must write up and submit your own solutions. Students are expected to also work out the unsubmitted problems as they are an integral part of the learning experience.

Exams: There are 2 exams in addition to the final exam. They are closed-book, closed notes, in-class exams. Use of calculator (less than 1/2 lbs, with no communication ability or artificial intelligence) is allowed. You can bring in one formula sheet (letter size) for reference. Make-up exams will be given only in the case of documented emergencies. Exam dates are posted on the [schedule](#).

Final: A final will be held according to the [official final exam schedule](#). It will be of the same format as the in-class exams covering new material since the previous exam. Use of calculator of the type indicated above is allowed. You can bring in one formula sheet (letter size) for reference.

Grading Scheme: Your grade is determined by 15% homework, 25% each exam and 35% final, based on the following table:

raw score	$\geq 90\%$	$\geq 85\%$	$\geq 80\%$	$\geq 75\%$	$\geq 70\%$	$\geq 65\%$	$\geq 60\%$	$< 60\%$
grade	4.0	3.5	3.0	2.5	2.0	1.5	1.0	0

Other policies

- Departmental plagiarism policy can be viewed [here](#).
- The [schedule](#) contains crucial information for the class. As the lecture progresses, it will be updated constantly. Please check for the most recent version regularly. (Press reload or refresh button of your browser).