

**M242 Syllabus (S. Zhang)** (S. Zhang) .

1. Math242-014 ANALYTIC GEOMETRY AND CALCULUS B

- (a) Lectures: MWF 9:05AM - 9:55AM SHL123
- (b) Professor: Zhang,Shangyou, Ewing 310, 831-0625, szhang@udel.edu
- (c) Office hours: MW 8:00-9:00 10:00-11:00 or by appointment
- (d) Additional information/materials:

<http://www.math.udel.edu/~szhang>

2. Textbooks:

- (a) Elementary Differential Equations and Boundary Value Problems, 8th Ed. Boyce and DiPrima.

3. Coverage and Exam.

- (a) E1, Fri, 3/7: 4.4, 4.8, 6.1-3, 6.5, 7.1
- (b) E2, Fri, 4/11: 7.2-7.4, 7.7-7.8, 8.1 11.1-11.2
- (c) E3, Fri, 5/9: 11.3-11.11
- (d) F, on web: All above + 10.1-10.5

4. Workload and grade distribution.

- (a) 1 final exam: 200 points.
- (b) 3 hourly exams: 300 points.
- (c) 10 homework assignments: 100 points.
- (d) 10 computer labs: 80 points.
- (e) 10 quizzes: 80 points.
- (f) 10 lecture attendance checks: 30 points.
- (g) Guaranteed a course grade of A-, B-, C-, and D- or better if a student's percentile is 90, 80, 70, and 60 or above, respectively, unless the total point of one category above is below 50%.
- (h) Guaranteed a course grade of A-, B-, C-, and D- or better if a student's class ranking is among top 10, 35, 65, and 80 percent, respectively, unless the total point of one category above is below 50%.

5. Policy.

- (a) No makeup or late work is acceptable, except the final exam. The final exam is mandatory.
- (b) At least one, likely two or more, homework, lab, quiz and attendance grades will be dropped.
- (c) For university mandatory, the average of a category will be used if a student misses more times than the number of drops. For example, the student must provide a valid evidence for each absence, including all dropped class attendance checking days.

- (d) All homework assignments are due at the beginning of class on the due date. All problems and solutions must be written in the order assigned.

- (e) The work one turns in must be completely the person's own. Academic integrity is strictly enforced: <http://www.udel.edu/judicialaffairs/ai.html>

6. Communication.

- (a) Check class website (linked from above website) if you miss some handout/information.
- (b) Email [szhang@udel.edu](mailto:szhang@udel.edu).
- (c) Use an anonymous suggestion box at class website.

7. Last update: February 11, 2008