

Text: *Elementary Differential Equations and Boundary Value Problems*, by Boyce and DiPrima, 8th Edition, Wiley (interactive CD recommended, but not required).

Course Web Page: www.math.purdue.edu/MA266

(Boldface letters denote Supplementary Problems available on the course web page.)

LESSON	SECTION	HOMEWORK
1	1.1 & dfield7	Page 7: #1, 5, 11, 14, 27 (use dfield7)
2	1.2 & 1.3	Page 15: #1(b), 7; Page 24: #1, 2, 6, 7, 11, 18, 19; A
3	2.1	Page 39: #1, 2, 13, 15, 16, 21, 24
4	2.2	Page 47: #1, 3, 7, 9, 11, 14, 22, 28(a)(b)
5	2.2 (Homog. eqns)	Page 47: # 32, 36; B; C
6	2.3	Page 59: #1, 2, 3, 4, 12
7	2.3	Page 62: #16, 20, 21, 22, 23, 29
8	2.4	Page 75: #1, 3, 7, 8, 17, 18, 22(a)(b); D
9	2.5	Page 88: #3, 4, 9, 22; E
10	2.6	Page 99: #1, 2, 3, 7, 13, 15, 18; F
11	2.7	Page 108: #1, 6
12	2.7	G; H; I
13	3.1	Page 142: #1, 4, 6, 10, 16, 17, 19, 21
14	3.2	Page 151: #1,2,4,8,9,11,13,14,23,24(Review complex numbers)
15	3.4	Page 164: #10, 11, 14, 17, 18, 23
16	3.5	Page 172: #3, 4, 12, 16, 25, 28
17	3.6	Page 184: #1, 2, 3, 4, 13, 14, 19(a), 21(a)
18	3.7	Page 190: #2, 7, 13; J
19	3.8	Page 203: #3, 4, 5, 9, 24
20	3.8 & 3.9	Page 204: #17, 28; (Project #1)
21	3.9	Page 214: #5, 6, 7, 9
22	4.1 & 4.2	Page 222: #4, 6; Page 230: #11, 13, 22, 29, 31
23	4.3	Page 235: #4, 6, 11, 15, 18; K; (Project #2)
24	6.1	Page 312: #3, 5(a), 7, 10, 11, 15
25	6.2	Page 322: #2, 4, 8, 10, 11, 14, 21, 26
26	6.3	Page 329: #1, 2, 7, 8, 10, 12, 14, 15, 17, 24
27	6.4	Page 337: #1, 4, 7, 9, 12
28	6.5	Page 344: #1, 2, 3, 14(a)(b); L
29	6.6	Page 351: #4, 5, 7, 8, 9, 11, 13, 14, 22(a)
30	7.1 & 7.2	Page 360: #1, 5, 7(a)(b); M ; Page 372: #2, 22, 23
31	7.3 & 7.4	Page 384: #15, 16, 19, 22
32	7.5	Page 398: #1, 2, 16; N
33	7.6	Page 410: #1, 2, 6, 10, 15; (Project #3)
34	7.8	Page 428: #3, 6, 8; O
35	7.9	Page 439: #1, 7; P

Ground Rules for MA 266, SPRING 2008

Midterm Examinations: To be determined by lecturer.

Final Examination: There will be a uniform two-hour comprehensive final during final exam “week” December 10-15. The time and place will be announced later.

Grades: Your course grade will be determined from your total score of a combination of class exams and/or quizzes, homework (including Supplementary Problems), Computer Projects and a final exam. The final exam is worth 200 points.

Course Webpage: <http://www.math.purdue.edu/MA266>

Calculators: Calculators will not be allowed on exams or quizzes.

Important Comments: Class attendance is expected. Reading the sections in the textbook ahead of time is strongly recommended. Check the course webpage often. It contains lecturer contact information, assignment sheet, Supplementary Problems, Computer Projects, and MATLAB tutorials for **dfield7**, **pplane7**, numerical methods and **ode45**.

Academic Adjustments for Students with Disabilities

Students who have been certified by the Office of the Dean of Students-Adaptive Programs as eligible for **academic adjustments** should go to MATH 242 with a copy of their certification letter and request an *Information Sheet* for **this** semester, that explains how to proceed this semester to get these adjustments made in Mathematics courses. It is not the same as last semester. **This should be done during the first week of classes.** Only students who have been certified by the ODOS-Adaptive Programs and who have requested ODOS to send their certification letter to their instructor are eligible for academic adjustments.

Students who are currently undergoing an evaluation process to determine whether they are eligible for academic adjustments, are encouraged to find out **now** what procedures they will have to follow when they are certified, by requesting the above mentioned *Information Sheet* from MATH 242.

Large print copies of the *Information Sheet* are available from MATH 242 upon request.

Important Dates

Last day to drop a course without it being recorded: **Friday, January 18, 5:00pm.**

Last day to drop a course without a grade: **Monday, February 4, 5:00pm.**

Last day to drop a course with a passing or failing grade: **Wednesday, March 17, 5:00pm.**