MA 266 **ASSIGNMENT SHEET** **FALL 2005**

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

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

Lesson	Section	Homework
1	1.1 & **dfield6**	P.8: #1,2,11,16 (use **dfield6**)
2	1.2 & 1.3	P.15: #1(a), 7
		P.24: #1,2,7,11,18,20: **A***
3	2.1	P.39: #1,2,13,16,21,24
4	2.2	P.47: #1,7,9,11,14,22,28(a)(b)
5	2.2 (homog eqns)	P.47: #32,36;**B**;**C**
6	2.3	P.59: #1,2,3,4,12
7	2.3	P.62: #16,20,21,22,23,29
8	2.4	P.75: #1,3,7,8,17,18,22(a)(b); **D; E**
9	2.5	P.88: #3,4,9,22; **F**
10	2.6	P.99: #1,2,3,7,13,15,18; **G**
11	2.7	P.107: #1,6; **H; I**
12	2.7	**J;K;L**
13	3.1	P.142: #1,4,6,10,16,19,22
14	3.2	P.151: #2,4,8,9,11,13,14,23,24(Review complex numbers)
15	3.4	P.164: #11,14,17,18,23
16	3.5	P.172: #3,4,6,14,16,25,28
17	3.6	P.184: #1,2,3,4,13,14,19(a),20(a)
18	3.7	P.190: #2,7,13: **M**
19	3.8	P.203: #3,4,5,9
20	3.8 & 3.9	P.204: #17,28; (**Project #1 due**)
21	3.9	P.214: #5,7,9
22	4.1 & 4.2	P.222 #4,6; (**Project #2 due**) P.230: #11,13,22,29,31
23	4.3	P.235: #4,6,11,15,18; **N; O**
24	6.1	P.312: #3,5(a), 8,9,11,15
25	6.2	P.322: #2,4,8,10,11,14,21,26
26	6.3	P.329: #1,2,7,8,10,12,14,15,17
27	6.4	P.337: #1,4,7,9,12; **P**
28	6.5	P.344: #1,2,3,14(a)(b); **Q**
29	6.6	P.351: #4,5,7,8,11,13,14
30	7.1 & 7.2	P.360: #1,2; **R** P.372: #2,22,23
31	7.3 & 7.4	P.384: #15,16,19
32	7.5	P.398: #1,2,16: **S**
33	7.6	P.410: #1,2,6,10; (**Project #3 due**)
34	7.8	P.428 ; #3,8
35	7.9	P.439: #7; **T** (omit part b)

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

Ground Rules for MA 266, FALL 2005

Midterm Examinations: To be determined by lecturer.

Final examination: There will be a two-hour comprehensive final during exam "week", May 2-7. 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 highly recommended. Check course webpage often. It contains lecturer contact information, syllabus, Supplementary Problems, computer projects, and MATLAB tutorials for dfield6, pplane6, 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 909 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 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 909.

Large print copies of the *Information Sheet* are available from MATH 909 upon request.

Important Date:

Last day for a student to drop a course without it being recorded: Friday, September 2, 2005, 5:00pm.
Last day for a student to drop a course without a grade: Monday, September 19, 2005, 5:00pm.
Last day for a student to drop a course with a passing or failing grade: Wednesday, October 26, 2005, 5:00pm.