

## MAT 274 – Syllabus

Class: 4:30 – 5:55 TTH  
PSA 104  
Line #06873

Instructor: H. Mittelmann, GWC 646, 480-965-6595, [mittelmann@asu.edu](mailto:mittelmann@asu.edu)  
Homepage with syllabus: <http://plato.asu.edu/>  
Office Hours: By appointment

Book: Boyce & Di Prima, 7<sup>th</sup> edition

Material Covered: Ch. 2.1-6  
Ch. 3.1-7  
Ch. 8.1-3, 5, 6  
Ch. 4.1-4  
Ch. 7.1-9  
Ch. 6.1-4

There may be minor additions/deletions of sections.

Grade based on 600 total points as follows:

2 midterms	100 pts. each
1 final exam	200 pts.
Homework	100 pts.
Computer project	100 pts.

Homework: The homework listed on the following page will be assigned automatically when the corresponding section has been covered. However, the selection represents a minimal one. Students are encouraged to solve a few more problems of a similar kind until they feel comfortable. To not drop a grade from their exam scores, students have to maintain a sufficient homework score.

Exam dates: First midterm on Ch. 2 & 3, date to be announced.  
Second midterm on Ch. 4 & 7, date to be announced.  
Comprehensive Final on chapters 2, 3, 4, 6, 7 on Tue., Dec. 16, 4:40 – 6:30 p.m. in classroom.

Attendance: Regular attendance is a key to success. Students not attending during the first week may be withdrawn from the class.

Deadlines: Unrestricted course withdrawal: 9/19; Restricted course withdrawal: 10/31

# Boyce & Di Prima, 7<sup>th</sup> edition

## Homework Problems

<u>SECTION</u>	<u>PROBLEMS</u>	<u>SECTION</u>	<u>PROBLEMS</u>
	S		
2.1	2, 6, 13, 16, 18	6.1	5, 9, 15
2.2	3, 8, 12, 16	6.2	10, 17, 23
2.3	3, 9, 14	6.3	9, 14, 22
2.4	15, 16, 22	6.4	1, 4, 12
2.5	9, 15	7.3	3, 7, 14, 24
2.6	10, 15, 30	7.5	6, 13, 16
3.1	5, 12, 40, 43	7.6	3, 7, 10
3.2	13, 22, 24	7.7	4, 6
3.3	14, 25	7.8	4, 10
3.4	13, 22	7.9	1, 5
3.5	9, 11, 25	8.1	1
3.6	7, 11, 15	8.2	1a, b
3.7	4, 8, 15, 18	8.3	1a
4.2	31, 32	8.6	1a, b, $t = 0.2$
4.3	9		
4.4	13		