M118 COURSE OUTLINE — FALL 2009

Text: **Finite Mathematics, Fifth edition** by D.P. Maki and M. Thompson
Supplement: **Finite Mathematics, M118, Sample Tests and Study Hints**
Oncourse Website: **http://oncourse.iu.edu**

This outline provided by the Mathematics Department presents a schedule of topics, homework problems, and examinations. Instructors may vary the number and timing of examinations, problem assignments, and the amount of time dedicated to each individual topic. It is expected that each student will maintain regular (weekly) contact with the Oncourse website listed above for further information and later messages.

The midterm and final are departmental examinations. The use of calculators is NOT permitted on the departmental exams. ALL STUDENTS MUST TAKE THESE EXAMS AT THE SAME TIME. The dates and times for these examinations were announced in the *Schedule of classes*; by registering for this course you committed yourself to take these examinations at the following scheduled times: Midterm Examination — Saturday, October 17, 9–10:30 AM; Final Examination — Monday, December 14, 2:45-4:45 AM. To repeat: YOU MUST TAKE THESE EXAMS AT THE SCHEDULED TIMES.

IMPORTANT NOTE

YOU WILL PROBABLY NOT TAKE THE DEPARTMENTAL EXAMS IN YOUR REGULAR ROOM. YOUR INSTRUCTOR WILL INFORM YOU ABOUT THIS BEFORE THE EXAMINATIONS.

The Mathematics Department expects its students to obey fully the University policies on academic integrity. The usual penalty for a student caught cheating in M118 includes a final grade of F. Further penalties may include probation, suspension, or expulsion from the University. Cheating cases are always reported to the *Office of Student Ethics.*

Assistance is available for all students in M118 at the following times and locations, beginning the second week of class:

1) Departmental M118 Help Sessions: Monday through Thursday 5:45–7:45 pm in SWAIN EAST 240 and CRAVENS B - ME 008.
2) Academic Support Centers in Briscoe, Forest, and Teter: Sunday through Thursday 7–11p.m.

In the following list, each date is followed by a section number from the text, a page number where problems for that section are to be found, and a list of suggested problems.

Week	Dates	Section	Page	Problems
Week 1	Aug. 31 — Sept. 4	1.1	9	1,3,5,7,9,11,13,15,17,19,21,23,25,27,29
		1.2	17	1,3,5,7,9,10,11,13,15,19,23,27,29
		1.3	25	1,2,3,5–13,15–17,23,25,27–29,31
Week 2	Sept. 7 — 11	1.4	37	1–3,5,7,9,11,13,15,16,18,19,21,23–25,27,29
		2.1	54	1–3,5,7,9–13,15,19,21,25–27,29,32,33
		2.2	64	1–5,7,9,11,13–15,17–19,22,24,25,27,33
Week 3	Sept. 14 — 18	2.3	74	1–9,11,13,15,17,19,21,23,25,27,30
		2.4	80	1–3,5,7–9,10,11–13,15,17,19,21,23,27,31,35,37
Week 4	Sept. 21 — 25	3.1	94	1–7,9–11,13,15,17,19,21,26,27,29
		Review	41	3,5,8,9,11,15,17,19,23,25,28,29,32,33,35
			83	1,3,5,7,9,11,13,15–17,19,25,29,31,33,35,37

EXAM 1

Week	Dates	Section	Page	Problems
Week 5	Sept. 28 — Oct. 2	3.2	103	1–9,11,13,15,17,19,21,23,25,26,27,29,31
		3.3	112	1–5,7,10,11,13–15,17,18,21,23,27,29,30
Week 6	Oct. 5 — Oct. 9	3.4	122	1–9,11–13,15,17,19,21,24,25,29,31,33
		3.5	135	1,3,5,7,9,11,13,15,19,21,23,25,27,31,33,35

		4.1	149	1,3,5,7,9–11
Week 7	Oct. 12 — Oct. 16	4.1	149	13,15,17,19–23,25,27,29,31
		4.2	160	1,3,5,7,11,13,15,17,19,21,23,25–27,29–32
		Review	138	1–7,9,11,13,14,17,19,21,23,24,27,29,31,33,35
			187	1,3,5,7,9,11,13–15,17(a),19,25,27,31,34

MIDTERM EXAMINATION
Saturday, October 17
9:00 – 10:30 AM
ROOM: TO BE ANNOUNCED
NO CALCULATORS ALLOWED
The midterm examination will cover Chapters 1–4, with the exception of
Section 4.3, and the topics of variance and standard deviation.

Week 8	Oct. 19 — 23	5.1	206	3,5,7,9,11,13,15,17–19,21,23,26
		5.2	219	3,5,7,9–13,15,17,19,21–23,25,27,28
		5.3	244	1,2,3,5,7–9,11,13

MIDTERM GRADES DUE ON MONDAY, OCTOBER 26

LAST DAY FOR AUTOMATIC WITHDRAWAL — WEDNESDAY, OCTOBER 28

Week 9	Oct. 26 — 30	5.3	244	15–19,21,23,25,27,29,33
		6.1	265	1,2,3,5–11
Week 10	Nov. 2 — 6	6.1	265	13–22,27,29,31,35
		6.2	277	1–7,9,11–15,17,19,21,27,28,31
		7.1	311	1,3–5,7,9,10,11–15,17–19,21,23–25,27,30
Week 11	Nov. 9 — 13	7.2	323	1,3,4,5,7,9–11,13,15,17,19,21,23,25,27,29,31
		7.3	338	1,3,5–7,9,11,13,15,17,19,22,23,25,27,29,31,33,35,37
Week 12	Nov. 16 — 20	8.1	356	1–9,11,13,15,17,19,21,23,25,27
		Review	248	1–5,8,9,11,15–17,19,21,25–29
			296	1,3,5–7,9,11,13,16,17,21,25–27,29,31,33,35
			341	1,3,5–7,9–13,15,17–19,21,23,25–27,29,30

EXAM III

| Week 13 | Nov. 23 — 24 | 8.2 | 369 | 1,3,5,7,9,11,13,15–17,21–23,29,30 |

THANKSGIVING   NOVEMBER 25-29

Week 14	Nov. 30 — Dec. 4	8.3	384	1,3–7,9–13,15,17,19,21,24,25,27,31
		8.4	397	1–6
Week 15	Dec. 7 — 11	Review	404	1–10

FINAL EXAMINATION
MONDAY, DECEMBER 14
2:45 – 4:45 PM
ROOM: TO BE ANNOUNCED
NO CALCULATORS ALLOWED
The final examination will cover Chapters 1–8 with the exception of
Section 4.3, and the topics of variance and standard deviation.
Emphasis will be placed on Chapters 5–8.