

D116 Departmental Syllabus

Fall, 2017

TEXT: *Finite Mathematics, Sixth Ed.*, by D. P. Maki and M. Thompson.

WEBSITE: Your D116 course page inside Canvas at <http://canvas.iu.edu>.

This outline, provided by the Mathematics Department, provides important information concerning your D116 class and also presents a schedule of topics, suggested homework problems, and examinations. Please note that individual instructors may vary the problem assignments, and the amount of time devoted to individual topics.

EXAMS AND CALCULATOR USE:

There will be 3 in-class exams during the semester and a comprehensive final exam at the end of the semester. The final examination in D116 is a departmental exam. ***NO CALCULATORS OF ANY KIND WILL BE ALLOWED ON ANY OF THE EXAMS. ALL STUDENTS MUST TAKE THE DEPARTMENTAL FINAL EXAM AT THE SAME TIME.*** Cell phones, calculators, computers, iPods, iPads, cameras, and such are similarly not allowed and are to be removed from your desk before your instructor begins passing out the exam materials. The dates and time for the final exam was announced in the *Schedule of Classes*, and by registering for this course, you committed yourself to take this exam at the following scheduled time:

EXAM 1:	Wednesday, Sep 13 th
EXAM 2:	Wednesday, Oct 11 st
EXAM 3:	Wednesday, Nov 8 th
FINAL EXAM:	Friday, Dec 15 th , 2:45-4:45 pm.

If you have any potential conflict with any examination, you must inform your instructor during the first three weeks of classes and complete a departmental Request for Variance form. You will be informed in due time if your request has been approved. **IMPORTANT NOTE:** *Most students may NOT take the departmental final exam in their regular classrooms. Your instructor will announce the location of your exam.*

ACADEMIC INTEGRITY:

The Mathematics Department expects its students to comply fully with the University's policies on academic integrity. The usual policy for students caught cheating in D116 includes a course grade of F, and additional penalties may include probation, suspension, or expulsion from the university. Cheating cases are always reported to the *Office of Student Ethics*

HELP AVAILABLE:

- 1.) DEPARTMENTAL HELP SESSIONS IN SWAIN EAST, ROOM 340:
MONDAY thru THURSDAY 4:00 - 6:00 pm (starting 2nd week of classes)
- 2.) ACADEMIC SUPPORT CENTERS IN BRISCOE, FOREST, TETER:
Sunday thru Thursday 7:00pm – 11:00pm (starting 2nd week of classes)

FINAL COURSE GRADE:

Your grade will be determined by your performance on the homework, any quizzes that were given, and on the 4 exams. Each exam is worth 20% of your grade. The homework and any quizzes will collectively count as the remaining 20% of your grade. Following scale will determine the letter grade that you'll have earned at semester's end:

A+ 97 – 100%	C+ 77 – 79%
A 93 – 96%	C 73 – 76%
A- 90 – 92%	C- 70 – 72%
B+ 87 – 89%	D+ 67 – 69%
B 83 – 86%	D 63 – 66%
B- 80 – 82%	D- 60 – 62%
	F below 60%

INDIANA UNIVERSITY GENERAL EDUCATION:

This course is considered as both a Mathematical Modeling and a Natural and Mathematical Sciences course. Learning outcomes for those courses are available at <http://gened.iub.edu/requirements/math.html> and <http://gened.iub.edu/requirements/naturalmath.html> , respectively.

RELIGIOUS OBSERVANCE CONFLICTS:

Students with conflicts between course requirements (e.g. examinations) and religious observances must contact their instructor during the first two weeks of the term and follow the procedures outlined by campus policy, available at <http://www.indiana.edu/~bfc/docs/policies/ReligiousObservances09.pdf>.

SCHEDULE: The following table provides the dates and material covered, along with suggested homework problems, for each week of the course.

Week	Dates	Sections	Page	Suggested Problems
1	Aug 21 –25	1.1 1.1 1.2	9 9 17	1,5,7,9,11,15,17,19,21,25,27,29 (same as line above) 1,5,7,9-11,13,15,19,23,25,27,29,31
2	Aug 28 –Sep 1	1.2 1.3 1.3	17 25 25	(same as line above) 1,2,3,5-9,11-13,15-17,23,25,27-29 (same as line above)
3	Sep 4* – 8 *09/04 is Labor Day, Classes do not meet	1.4 1.4	37 37	1-3,5,7,9,11,13,15-19,21,23-25,29,31 (same as line above)
4	Sep 11 – 15	Review EXAM1 2.1	41 54	3,5,8-11,15-17,19,25,28,29,32,33 1,3,5,7,9,11-13,15,21,25-27,29,32
5	Sep 18 – 22	2.1 2.2 2.2	54 64 64	(same as line above) 1-5,7,9,11,13-15,17-19,22,24,25,27,29,31,37 (same as line above)
6	Sep 25 – 29	2.3 2.3 2.3	74 74 74	1-3,5-9,11,13,15,19,21,23,25,27,30,36 (same as line above)
7	Oct 2 – 6* *10/06 is Fall Break, Classes do not meet	2.4 2.4	80 80	1-3,5-9,11-13,15,17,19,23,27,31 (same as line above)
8	Oct 9 – 13	Review EXAM2 3.1	84 96	1,3,5,7,11-13,15-19,25,29-31,33,35,39 1-7,9-11,13-15,17,19,21,25-27,29

LAST DAY FOR AN AUTOMATIC GRADE OF “W”: SUNDAY, OCTOBER 22nd.

Week	Dates	Sections	Page	Suggested Problems
9	Oct 16 – 20	3.1 3.2 3.2	96 106 106	(same as line above) 1-9,11,13,15,17,19,21,23,25-27,29 (same as line above)
10	Oct 23 – 27	3.2 3.3 3.3	106 116 116	1-4,7,10,11,13-18,21,23,27,29,31 (same as line above)
11	Oct 30 – Nov 3	3.4 3.4 3.4	125 125 125	1-9,11-13,15,17,19,21,23-25,29,31 (same as line above)
12	Nov 6 – 10	Review EXAM3 4.1	131 296 146	1-7,9,11-14,17-19,21,23-27,29,31,33 1-7,9,11,13,15,19,21,23,25-27,31,33
13	Nov 13 – Nov 17	4.1 4.1 4.1	146 146 146	(same as line above)
14	Nov 27 – Dec 1	4.2 4.2 4.3	156 156 168	1,3-5,7,9-11,13,15,17,19-21,23,25-27 (same as line above) 1,3,5,7,11,13-17,19,21,25,27,29,31
15	Dec 4 – 8	4.3 Review Review	168 173	(same as line above) 1,3-5,7-9,11,13-15,17a,31,34

FINAL EXAM: 2:45PM – 4:45PM, FRIDAY, DEC 15TH

COVERS: All textbook sections listed above.

ROOM: TO BE ANNOUNCED