

# MATH-D116: Introduction to Finite Math 1

Indiana University, Fall 2017

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**Office Hours:** Monday, Friday 9:00 – 10:00 am

**Office:** Rawles Hall 230

<http://pages.iu.edu/~lamw/>

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## Assessment:

Web-work	15%
Quizzes	5%
Exam 1	20%
Exam 2	20%
Exam 3	20%
Final (cumulative)	20%

## Important date:

- Final Exam: Friday, December 15<sup>th</sup>, 2:45-4:45pm.
- Exam 1: Wednesday, October 11<sup>th</sup>, Week 8, in class exam.
- Exam 2: Monday, October 30<sup>th</sup>, Week 11, in class exam.
- Exam 3: Friday, November 17<sup>th</sup>, Week 13, in class exam.

## Exams:

The following is the exam schedule. Exams 1-3 will take place in class at our usual time. The final exam is during finals week at a different time and location (location to be announced at a later time).

Exam 1:	Chapter 1	Wednesday, October 11 <sup>th</sup>
Exam 2:	Chapter 2	Monday, October 30 <sup>th</sup>
Exam 3:	Chapter 3	Friday, November 17 <sup>th</sup>
Final Exam:	Chapters 1-3, 4.1, 4.2	Friday, December 15 <sup>th</sup> , 2:45-4:45pm Venue to be announced.

**Webwork:**

There will be 2 to 3 Webwork assignments due each week.

Typically if Webwork is assigned on Monday, then it will be due on Wednesday by midnight, similarly if it is assigned on Wednesday, then it will due on Friday by midnight. However if it is assigned on Friday, then it will due on Monday by midnight.

**Quizzes:**

Quizzes will typically be held on Wednesday.

**Departmental Syllabus:**

The departmental syllabus can be found on Canvas. It essentially contains the same core information found in this syllabus with slightly less detail. On this website you will also find practice exams and other resources.

**Textbook:**

The textbook used in the course is *Finite Mathematics*, 6<sup>th</sup> Ed. by Maki and Thompson.

**Calculator Policy:**

While calculators are not required for this course, you will find that some of the homework problems have somewhat “messy” numbers. As such, a standard four-function calculator will often be helpful for the homework. However, calculators are not allowed on the exams; all numbers on the exams should be “clean” enough integers, fractions, and decimals to compute by hand. If you are not comfortable doing arithmetic by hand, I suggest trying to do as much of the arithmetic in the homework by hand as you can.

**Attendance Policy:**

Attendance will not be recorded for this class. That said, historically students who do not come to class do not receive high grades in the course, so I strongly encourage regular class attendance. A student absent from class bears full responsibility for all material covered and announcements made in class that day. Make-ups for quizzes and tests will only be granted in case of illness with a doctor’s note, family death, weddings, religious observance, athletic conflicts, and other such more serious situations. Proper documentation must be provided in all cases, and expected absences must be discussed with the instructor within the first two weeks of the semester in order for accommodations to be made.

**Course Drop Deadlines:**

- The last day to withdraw from the course with an automatic W is Sunday, October 22<sup>nd</sup>.
- The last day to petition the dean for approval to drop the course is Thursday, November 30<sup>th</sup>.

**Academic Integrity:**

The IU Department of Mathematics takes academic integrity very seriously. The usual penalty for a student caught cheating includes an F in the course. Further penalties may include probation, suspension, or expulsion from the university.

**Student Misconduct:**

The IU Department of Mathematics expects all students to adhere to the regulations put forth in the “IU Code of Students Rights, Responsibilities, and Conduct” concerning academic misconduct or personal misconduct. Procedures for imposing academic and disciplinary sanctions are outlined in the Code, which can be found at <http://www.iu.edu/~code/code/index.shtml>.

**Special Services:**

Students needing accommodations because of a disability must first register with Disability Services for Students (DSS) and provide their instructors with the appropriate form issued by DSS before accommodations may be given. This paperwork can take some time to be completed, so start the process as soon as possible. For more information visit <https://studentaffairs.indiana.edu/disability-services-students/>.

**Grading:**

Each exam will count for 20% of your final grade, and homework and quizzes will combine to comprise the last 20%. The following standard percentage cutoffs will be used as a grading scale:

97%, 93%, and 90%	A+, A, and A-
87%, 83%, and 80%	B+, B, and B-
77%, 73%, and 70%	C+, C, and C-
67%, 63%, and 60%	D+, D, and D-
Below 60%	F

**Help Outside of Class:**

I encourage you to come to office hours to ask questions about any material that you do not understand. There are help sessions in Swain East 340, 4:00-6:00 pm Monday through Thursday. Extra help is also available for free with no appointment necessary at the Math Learning Center (MLC) located in Swain East 340. It is open 9:00am-7:00pm Monday through Friday (till 4:30pm). There are free Academic Support Centers (ASC) located in Forest, Briscoe, and Teter that are open 7:00-11:00pm Sunday through Thursday.

**Advice:**

Math is meant to be challenging. Do not give up on a problem simply because you do not immediately understand it. Take time to think about what you know that could help. Try to read the textbook before coming to class. It may not make much sense on the first try, but it will help alert you to what you do not understand. Complete as many practice exams as you can before taking exams. Above all, have fun! While math is often frustrating, it should also be a very enjoyable and rewarding experience once you work to understand the material.

## **Class Schedule**

Week 6	9/25-9/29	1.1, 1.2, 1.3
Week 7	10/02-10/06	1.3, 1.4, No class (Fall Break)
Week 8	10/09-10/13	Review Chapter 1, Exam 1, 2.1
Week 9	10/16-10/20	2.2, 2.2-2.3 & Quiz, 2.3
Week 10	10/23-10/27	2.4, 2.4 & Quiz, Review Chapter 2
Week 11	10/30-11/03	Exam 2, 3.1, 3.2
Week 12	11/06-11/10	3.2-3.3, 3.3 & Quiz, 3.4
Week 13	11/13-11/17	3.4, Review Chapter 3, Exam 3
XXX	11/20-11/24	No class for the week (Thanksgiving Break)
Week 14	11/27-12/01	4.1, 4.1 & Quiz, 4.2
Week 15	12/04-12/08	4.2, Chapter 4 review & Quiz, Chapters 1-4 review

The final exam is on Friday, December 15<sup>th</sup> from 2:45-4:45pm.