

**Math 411**  
**Fall 2017**

**Lecture:**

MTH 411

Location: A228 WH

Schedule: days: M W F, MWF 10:20 AM - 11:10 AM.

Course website: <http://users.math.msu.edu/users/detcherry/Teaching.html>

**Instructor:**

Renaud Detcherry,

Office: C-230WH,

Office hours: MF 3:00 pm - 4:00 pm, W: 5:00 pm - 6:00 pm

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**Prerequisites:** Some notions of elementary algebra and rings, MTH 310.

**Textbook:** Abstract algebra by Thomas W. Hungerford, Third edition. We will try to cover the chapters 7 to 11 and some of chapter 12.

Course info and weekly homework assignments will be announced weekly.

**Exam Schedule and weighting:**

Homework assigned weekly counts for 15% of your grade

Quizzes every two weeks counts for 15% of your grade

First exam **Wednesday, October 11, 10:20-11:10 am, A228 Wells Hall**

counts for 20% of your grade

Second Exam **Wednesday, November 8, 10:20-11:10 am, A228 Wells Hall**

counts for 20% of your grade

Final Exam **Friday, December 15, 7:45-9:45 am, A228 Wells Hall**

counts for 30% of your grade

**Missed Exams and make-up Final Exam:** Missed exams will count as 0 points. Only under very rare circumstances (such as illness with a doctor's written excuse) will a make-up exam be given.

Any student having two other final exams scheduled the day of this Final exam may take the make-up exam given the next day. If you qualify for the make-up final exam, you must fill out a request at C212 Wells Hall no later than Friday, December 8th at noon and provide a recent copy of your schedule as documentation. You will NOT be allowed to take the make-up final without registering. Students taking the make-up final exam MUST have a pictured ID

**Homework:** The homework assignments are a major part of the course. Homework will be collected once a week and selected problems will be graded. *You are expected to do all homework problems and to have the homework stapled and ready to hand in at the beginning of every class.*

Homework problems will be announced in class as well as on the [homework schedule](#) page.

Typically, homework will be collected each Monday, unless there is no class or there is an exam that week.

Plan on spending **2–4 hours** of homework for each class meeting. You are encouraged to help each other on homework. At the beginning of each class a few minutes may be spent answering homework problems.

**Attendance:** Students are expected to attend all class meetings and are responsible for all of the material covered in class and in the homework. Any changes in this syllabus or in the scheduling of exams etc. will be announced during class meetings.

**Important dates for Fall 2017:** Wednesday 8/30/2017: Classes Begin.

Monday 9/4/2017: Labor Day; University closed

Wednesday 9/6/2017: Online open add period for fall semester ends at 8:00 pm

Thursday 9/7/2017 to Wednesday 9/13/2017: Students go to Undergraduate office, A212 Wells Hall for Mathematics enrollment changes. (Late adds, drop to lower course, section changes)

Wednesday 9/13/2017: Last day to late add a course or change sections within a course. Last day to drop to a lower level course.

Monday 9/25/2017: End of 100% Tuition Refund

Wednesday 10/18/2017: Middle of Semester. Last day to drop a course without a grade being reported.

Thursday 11/23/2017 to Friday 11/24/2017: Thanksgiving Break

Friday 12/8/2017: Last day of classes.

**Study tips:**

- Do *ALL* the homework problems. *Mathematics is learned by doing problems*, and many exam questions will be variations on homework problems.
- Discuss the homework problems with classmates and work in groups exchanging ideas and discussing questions.
- Take complete notes in class. The course will be based mostly on lectures – more than on the textbook.
- Start working on the homework problems the day that they are assigned.

**Academic integrity:** Academic dishonesty is considered a serious offense at MSU. Students caught cheating may face failure in the course and an administrative sanction which may include suspension or expulsion from the university. See the MSU Academic Integrity Policies.

<https://www.msu.edu/ombud/academic-integrity/index.html>

**Help:** One of the best ways to get (free) help is at the **Mathematics Learning Center (MLC)** which is staffed by TA's. See their web page

<https://www1.math.msu.edu/mlc/>

for hours, locations (mostly in Wells Hall but also in some dorms) and other information.