

**Math 411**  
**Fall 2015**

**Lecture:**

MTH 411  
Location: A336 WH  
Schedule: days: M W F, MWF 1:50 PM - 2:40 PM.

**Instructor:**

Renaud Detcherry,  
Office: C-230WH,  
Office hours: MF 3:00 pm - 4:00 pm, W: 5:00 pm - 6:00 pm

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

**Textbook:** Abstract algebra by Thomas W. Hungerford. Second edition or Third edition. We will try to cover the chapters 7 to 11 and some of chapter 12 (7 to 10 and part of 11 in Second edition).

Course info and weekly homework assignments will be announced weekly.

**Exam Schedule and weighting:**

Homework HW assigned weekly will count for 15% of you grade  
Quizzes every two weeks will count for 15% of your grade  
Max(First Midterm, Superquizz) **Wednesday, October 7 and 14** counts for 20% of you grade  
Second Exam **Wednesday, November 11** counts for 20% of you grade  
Final Exam **Monday, December 14** counts for 30% of you grade

**Exam times:** Midterms and quizzes are scheduled during class periods. The time for the final is 12:45-2:45 in the same classroom the class meets.

**Missed Exams:** 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.

All students are required to take the scheduled Final Exam. The university has strict requirements for exceptions.

**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.*

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 2015:**

Wednesday 09/02/2015 Classes Begin.

Monday 09/07/2015 Labor Day. University closed.

Wednesday 09/09/2015 Online open add period for fall semester ends at 8pm.

Thursday 09/10/2015 to Wednesday 09/16/2015. Students go to Undergraduate office, C212 Wells Hall for Mathematics enrollment changes. (Late add's, drop to lower course, section changes).

Wednesday 09/16/2015 Last day to late add a course or change sections within a course. Last day to drop to a lower level course.

Monday 09/28/2015 End of 100% Tuition Refund

Wednesday 10/21/2015 Middle of Semester. Last day to drop a course without a grade being reported.

Thursday 11/26/2015 to Friday 11/27/2015. Thanksgiving Break.

Friday 12/11/2015. 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.