

SYLLABUS: MATH 788

The Theory of Irreducible Polynomials

12:00-12:50 p.m. MWF

Instructor: Michael Filaseta

Office: 317D LeConte

Email: filaseta@math.sc.edu (encouraged to use)

Office Phone Number: 777-7464

Office Hours: 1:00-2:00 p.m. on MWF and by appointment
(avoid coming by my office the half-hour before class)

Text Book: None (detailed notes will be on the web page below)

Web Page for Course:

<http://www.math.sc.edu/~filaseta/gradcourses/Math788F/Math788F.html>

Grading: Homework (50%)
1 Test (20% each)
Cumulative Final (30%)

Date & Time of Final Exam: Monday, December 5, 12:30 p.m.-3:00 p.m.
(No exceptions can be made to the scheduled time.)

Note: The last day to drop the class without a WF being recorded is Monday, October 10.

Cell Phone Policy: Your cell phone should be off or in silent mode during class. Playing Pokémon GO during class is not permitted.

Attendance Policy: It is not intended that you take advantage of the fact that class notes are available and miss lectures. You are expected to attend each lecture. You will be considered absent if you miss more than ten minutes of a lecture. If you are absent for more than four lectures, your letter grade at the end of the course will be one-half of a letter grade lower than the grade determined from the homework, test, and final exam. If you are absent for more than eight lectures, you should withdraw from the course; if you do not, your letter grade at the end of the course will be one full letter grade lower than the grade determined from the homework, test, and final exam.

Homework Policy: Homework assignments must be turned in on time. Late homework will not be accepted. Although you are encouraged to work on homework together, you are to write (type) up your homework solutions independently and without the aid of other people's written solutions to the problems.

Learning Outcomes: This course, like other courses at a serious university, will help students determine whether they are able or truly want to pursue a career that involves the topics covered. There are three possibilities: (i) Students will master concepts and be able to solve problems associated with irreducibility criteria, the use of Newton polygons, cyclotomic polynomials, and the other topics covered. (ii) Students will discover that they cannot or do not want to master these concepts. (iii) Some combination of (i) and (ii).

Office of Disability Services' Policy: Any student with a documented disability should contact the Office of Student Disability Services at 803-777-6142 to make arrangements for appropriate accommodations.