

$$\mathbb{Q}(\alpha, \omega) \supset \mathbb{Q}$$

Abstract Algebra II

$$p\mathbb{D} = \prod_{p \in \mathbb{P}} \mathbb{F}_p$$

POLICIES / SYLLABUS

Instructor

Eric Moorhouse, Ross Hall 6³ = 216, 766-4394.

web: <http://www.uwyo.edu/moorhouse/>

email: moorhous@uwyo.edu



Class Meeting

MWF 11–11:50am in Ross 247

Office Hours

STEM lobby: MWF 8–8:50am. Also in my office (RH 216): M 2:30–3:50pm, R 1:30–3:30pm (subject to change; for current office hours and exceptions see

<http://www.uwyo.edu/moorhouse/schedule.html>). In addition to my regularly scheduled office hours, please feel free to come by at other times. If my door is open and I am not otherwise engaged, I am happy to visit with you.

Resources

There is no required textbook. You may however benefit from purchasing a copy of Paul J. McCarthy, *Algebraic Extensions of Fields*, 1966, reprinted 1991 by Dover, New York. I will periodically distribute electronic and printed copies of course handouts which of course I will expect you to read.

Grading Scheme

If you would like to present a topic as part of your course grade, please speak with me during the first three weeks of the semester and we will try to agree on a suitable topic and resources for you as you prepare. I will assign

grades (A, A–, B+, B, B–, C, D, F, W) at the end of the semester according to the scale: A=exceptional, B=very good, C=adequate, D=poor, F=fail, W=withdrawal. I always encourage students to consult me at any time during the semester with questions, including (but not restricted to) questions about your progress in the course. You may ask questions by email, at your own risk (remember that email is not secure); but questions asked in person typically receive more prompt and complete answers.

10%	Participation
90%	Homework

Homework: Homework assignments will be assigned on a regular basis. It is fine for you to discuss the homework with other students. However, please do not copy anyone else's

work directly. Copying may adversely affect your grade; but more importantly, of course, you won't be adequately preparing yourself for exams in this way.

Participation: You are required to attend class regularly. A portion of your grade will be based on the regularity of your presence in class, but also on your involvement in class discussions. This may include asking or answering questions in class.

MATH 5555 Website: Please bookmark the site <http://www.uwyo.edu/moorhouse/courses/5555/> where I will try to post announcements relevant to our class, including reminders of homework assignments; etc.

Appropriate Conduct: For issues of academic honesty/dishonesty, classroom deportment, etc., we refer to

- [UW Student Code of Conduct](#) (UW Dean of Students)
- [Students & Teachers Working Together](#) (UW College of Arts & Sciences)

Links to both documents appear on our course website.