**Instructor:** Dr.Karl Schmidt **Email:** [kschmidt@ucr.edu](mailto:kschmidt@ucr.edu) **Office:** Skye Hall, Room 219

**Course Meetings:** Tuesdays and Thursdays, 8-9:20am in Winston Chung Hall, Room 142.

**Instructor Office Hours:**

Tuesdays and Wednesdays, 1:30-3:30pm.

Changes will be posted on iLearn and announced.

Additional office hours can be arranged in person or via email.

**Discussion Meetings:** Led by Christian Williams.

Wednesdays, 8-8:50am in Skye Hall, Room 171 & 9-9:50am in Skye Hall, Room 347.

**Text.** *A First Course in Abstract Algebra* by John B. Fraleigh (7th Ed.)

**Course Content.** Topics covered include:

* Groups – Basic properties, subgroups, quotient groups, homomorphisms, symmetry groups
* Rings – Basic properties, ideals, quotient rings, homomorphisms, integral domains, polynomial rings

**Course Components and Grading Policy.**

**Weekly Homework (35%).** Homework assignments will be posted on iLearn. Homework will be collected on Thursdays during class. Late homework will not be accepted. You are encouraged to collaborate on homework assignments, but you should write up your own homework solutions. Not all of the homework exercises will be graded.

**Midterm Exam (30%).** The midterm exam will occur during class on Thursday, February 6th.

**Final Exam (35%).** The final exam will occur on Monday, March 16th, 3pm-6pm in Winston Chung Hall, Room 142 (the usual classroom). The final exam is comprehensive.

**Letter Grades.**

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| --- | --- | --- | --- | --- | --- | --- | --- |
| **A+** | > 96% | **B+** | 84-88% | C+ | 72-76% | D | 52-64% |
| **A** | 92-96% | **B** | 80-84% | C | 68-72% | F | < 52% |
| **A-** | 88-92% | **B-** | 76-80% | C- | 64-68% |  |  |

Course components (including exams) are not curved, though the course as a whole may be curved.

**Accessibility.** Please visit the Student Disability Resource Center website if you want to find out more about requesting special accommodations: <https://sdrc.ucr.edu/>.

**Cheating.** Cheating on *any* assessment will result in a **0** for that assessment. In addition, your grade may be withheld and the instructor may report your cheating to the university for disciplinary action. ***Don’t cheat!*** Cheating includes (but is not limited to):

copying (or using) someone else’s work and submitting it for credit;

intentionally allowing someone to copy your work;

sharing information about content on an exam if one party has not taken it yet;

using an electronic device (such as a phone, computer, or calculator) on an exam.