INFORMATION Spring 2016

MAT 330: Introduction to Algebra – Professor Susan Fettes

Mat 330 section 800 meets MWF: 11:30 – 12:25 p.m. in Shineman 178
(Final exam Wed. 5/11: 10:30 a.m. -12:30 p.m)

My Office: Shineman 464

E-mail: fettes@cs.oswego.edu or sue.fettes@oswego.edu

Homepage: http://www.cs.oswego.edu/~fettes

Phones (e-mail is better): 312-2739 (my office) 312-3030 (math secretary)

Office Hours:
M: 1:00 p.m. – 2:30 p.m.
W: 10:00 a.m. – 11:15 a.m.
Th: by appointment
F: 10:00 a.m. – 11:15 a.m. & 1:00 p.m. - 2:00 p.m.

Course Structure: Daily assignments are given from Mathematics – A First Course in Abstract Algebra 7th edition by John B. Fraleigh. These assignments are to be completed (but not collected) by the next class meeting. Questions concerning assigned problems are encouraged and will be discussed each day before the lecture (time permitting).

Every Monday starting Feb. 1 you will have a homework assignment consisting of selected problems from the daily assignments collected. *Homework must be done on a word processor – no handwritten homework will be accepted.*

Every Friday starting Feb. 5 you will have a quiz, except for those Fridays when you have an exam.

Grading: Grading will be based on the 13 collected homework assignments (25 pts. each), the 9 quizzes (20 pts. each), 2 exams (100 pts. each), and a comprehensive final exam (200 pts.).

Should you find that you must miss an exam or quiz or the turning in of a homework assignment, it is required that you make specific arrangements with me in advance. (In case of emergency, contact me as soon as possible.)

Learning Objectives: Students will learn and demonstrate that they have done so by their performance on quizzes, exams and homework assignments, knowledge of the concepts of: Groups and their fundamental properties, permutation groups, cyclic groups, subgroups, Lagrange’s theorem, homomorphisms and isomorphisms of groups, and an introduction to rings. Students will continue the process of learning precision in mathematical language.

Exams:
Exam I: March 11
Exam II: April 29
**Academic Honesty:** Collaboration on non-collected homework and in studying is strongly encouraged; however, the work you hand in must be solely your own. Sharing written work before it is turned in to be graded is academic dishonesty. Talking to other professors or tutors about homework that is to be collected is prohibited. SUNY Oswego is committed to Intellectual Integrity. Any form of intellectual dishonesty is a serious concern and therefore prohibited. The full policy can be found at [http://www.oswego.edu/integrity](http://www.oswego.edu/integrity).

Note: If you have a disabling condition which may interfere with your ability to successfully complete this course, please contact the Disability Services Office.