MATH 4012, Spring 2003
Algebraic Structure of Coding
Course Procedures

Instructor: Xingxing Yu
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Office Hours: MWF 1pm - 2pm or by appointment
Text: An Introduction to Error Correcting Codes with Applications. Author: Scott A. Vanstone and Paul C. Van Oorschot

- The class meets three days per week from 11:05am to 11:55am on MWF in Skiles 243. Prompt and regular attendance is expected. Students will be responsible for all handouts and information given, and work assigned on days they miss classes. Basic knowledge of linear algebra (such a linear systems, vector spaces, and matrices) would be helpful.

- The material will be covered in the order listed in the book. Homework will be assigned and will be collected once a week. One problem from each assignment will be graded. Home work will contribute 10 points to the total of 100 points.

- There will be three in-class and closed book tests. Each test counts 30 points towards the total of 100 points. You have the option not to take the final, or you can use the final to replace one test.

- The first test covers Chapter 1 and Chapter 2. The second test covers Chapters 3 and 4. The third test covers Chapters 5 and 6. The final exam will cover everything we study in this course.

- Honor Code applies to all tests and the final. Absences from tests will be excused only when authorized in advance by the instructor (in that case, a make-up test will be given).

- Exceptions to and changes in the above policies may be made at the discretion of the instructor.