MAT 599 Senior Seminar in Mathematics, Spring 2013

Instructor: Associate Professor Steven P. Diaz

Office: Carnegie 317C

Office Hours: Tuesday 2:15-3:00 pm, Wednesday 2:15-3:10 pm, Thursday 11:15-12:00 noon.

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Final Exam: Friday, May 3, 2013 10:15 am-12:15 pm.

Tests during the term: Thursday February 14, 2013 and Thursday April 4, 2013 during class time.

Calculation of course grade; two tests during the term 20% each, final exam 30%, class participation and class presentations 30%.

Learning Outcomes: As this is a “Senior Seminar” the exact topics covered may vary according to student preferences, though they will all be topics covered in the textbook. Within this freedom after successfully completing this course students will:

- Have a basic understanding of cryptography and coding theory
- Know a bit about public key cryptography
- Know a bit about error correcting codes
  And
- Know how to orally present mathematics to groups of mathematicians.

Students with disabilities. If you believe that you need accommodations for a disability, please contact the Office of Disability Services(ODS), http://disabilityservices.syr.edu, located in Room 309 of 804 University Avenue, or call (315) 443-4498 for an appointment to discuss your needs and the process for requesting accommodations. ODS is responsible for coordinating disability-related accommodations and will issue students with documented Disabilities Accommodation Authorization Letters, as appropriate. Since accommodations may require early planning and generally are not provided retroactively, please contact ODS as soon as possible.
Religious observances policy. SU religious observances policy recognizes the diversity of faiths represented among the campus community and protects the rights of students, faculty, and staff to observe religious holidays according to their tradition. Under the policy, students are provided an opportunity to make up any examination, study, or work requirements that may be missed due to a religious observance provided they notify their instructors before the end of the second week of classes. For fall and spring semesters, an online notification process is available through MySlice (Student Services -> Enrollment -> My Religious Observances) from the first day of class until the end of the second week of class.

Academic Integrity Syracuse University sets high standards for academic integrity. Those standards are supported and enforced by students, including those who serve as academic integrity hearing panel members and hearing officers. The presumptive sanction for a first offense is course failure, accompanied by the transcript notation “Violation of the Academic Integrity Policy”. The standard sanction for a first offense by graduate students is suspension or expulsion. Students should review the Office of Academic Integrity online resource “Twenty Questions and Answers About the Syracuse University Academic Integrity Policy” and confer with instructors about course-specific citation methods, permitted collaboration (if any), and rules for examinations. The Policy also governs the veracity of signatures on attendance sheets and other verification of participation in class activities. Additional guidance for students can be found in the Office of Academic Integrity resource: “What does academic integrity mean?”

Related links:
The Academic Integrity Policy: http://academicintegrity.syr.edu/academic-integrity-policy/
Twenty Questions and Answers about the Academic Integrity Policy: http://academicintegrity.syr.edu/faculty-resources/
What does academic integrity mean?: [http://academicintegrity.syr.edu/what-does-academic-integrity-mean/](http://academicintegrity.syr.edu/what-does-academic-integrity-mean/)