

MA 408

Section 1

FOUNDATIONS OF EUCLIDEAN GEOMETRY

Tuesday, Thursday, 3:00 - 4:15 pm, HA 263

Computer labs are in HA G108

INSTRUCTOR: Irina Kogan

OFFICE: HA 208-A

OFFICE HOURS: Tu, Th 1:30-2:30 pm and by appointment.

OFFICE PHONE: 513-7437 E-MAIL: iakogan@math.ncsu.edu

WEB PAGE: <http://www.math.ncsu.edu/~iakogan>

WEBCT VISTA: All course materials, including schedule, syllabus, homework, labs, projects are posted on <http://vista.ncsu.edu> **Check it often!**

TEXTBOOK: "Foundations of Geometry" by G. A. Venema, Prentice Hall, ISBN 0-13-143700-3

GRADING: There will be 2 in-class exam and a final project. Each in class exam is worth 25% of your grade. The the final project is worth 30% of your grade. Homework, quizzes, labs and class participation combined are worth the remaining 20% of your grade. **All questions about grading should be asked within a week after an assignments is returned.**

COMPUTER LABS: There will be 5 computer labs (see schedule) in **HA G108**

EXAM SCHEDULE: The in-class exams will be held on **Tuesday, February 12** and **Thursday, April 17**.

FINAL PROJECT: The final project presentation will be in the last week of classes (April 22 and 24), and during the final exam slot: Tuesday, April 29, 1-4 pm. **Each student must attend all presentations and provide written feedback to fellow students**, The projects should be prepared in small groups (usually 2-3 students). Students must choose a group to work with and the topic and to post it on Vista by the **end of February**, otherwise the assignment will be made by the instructor. The project consists of a 10-20 minute oral presentation (depending on the size of a group) and a written report (3-5 pages is recommended). Presentation guidelines and sample topics are posted on Vista. *One report for a group is sufficient. Each student must participate in oral presentation.*

WRITING REQUIREMENTS FOR MATH MAJORS: You may use this class to fulfill the writing requirements for math majors. **In this case an individual paper should be submitted** instead or in addition to the group paper. You must **register for MA 494-003**. Please register as soon as possible. **January 23** is the last day to add without a penalty. In addition to registering for MA 494-003, contact me to discuss the topic and paper requirements.

HOMEWORK: Weekly homework assignments are posted on Vista. Homework will be occasionally collected. More often, however, it will be checked by a quiz consisting of one or two homework problems. Harder problems will be presented and discussed in class.

COURSE OUTLINE: We will cover Chapter 2-7, 9, 10, 12. Approximate schedule is posted on Vista. **Reading of the material at home before it is covered in class is essential for the success in this course.**

POLICY ON ABSENCES AND MAKEUP WORK:

Attendance is required. You may review the the definition of excused absences at <http://www.ncsu.edu/policies/academicaaffairs/coursesundergrad/REG02.20.3.php>

Lecture Absence: If you miss a class for any reason, you are responsible for the material covered and any information given in class.

Early makeups: are usually granted (with the exception of the final presentation).

Late makeups: are arranged for documented excused absence only. You must inform me ASAP in the event of emergency absence.

Exam Absence: NCSU policy is strictly enforced. Documentation is required for all absences. Makeups after the exam date can be arranged only for documented excused absence and only in the situations when an early make up is impossible.

Unexcused late homework is accepted up to the next class meeting for 80% of the grade.

Unexcused missed quizzes can be made up by submitting completed relevant homework up to the next class meeting for 80% of the grade.

Final Presentation: is scheduled at the final exam date and time specified by NCSU Reg & Records. It is your responsibility to arrange travel around this date. The only exceptions are (1) a documented excused absence, or (2) 3 exams in 24 hours (the student is responsible for the paperwork, as indicated in the Handbook for Advising and Teaching)

COURSE EVALUATIONS: Online class evaluations will be available for students to complete during the last two weeks of class. Students will receive an email message directing them to a website where they can login using their Unity ID and complete evaluations. All evaluations are confidential; instructors will never know how any one student responded to any question, and students will never know the ratings for any particular instructors.

DISABILITY SERVICES: Reasonable accommodations will be made for students with verifiable disabilities. In order to take advantage of available accommodations, students must register with Disability Services for Students at 1900 Student Health Center, Campus Box 7509, 515-7653. For more information on NC State's policy on working with students with disabilities, please see the Academic Accommodations for Students with Disabilities Regulation (REG02.20.1)