

INSTRUCTOR: Vikenti Gorokhovski

OFFICE: 325A Boyd Graduate Studies

EMAIL: vikenti@math.uga.edu

PHONE: 542-0647

OFFICE HOURS: M 10:15-12:30 & 3:30-5pm

Other time: by appointment.

OBJECTIVES FOR THE COURSE

Reinforcing some main notions of calculus and their applications.

Learning Maple as a tool to solve various mathematical problems in studies and real life work

Enhancing the skill of presenting and reporting research.

COURSE ASSIGNMENTS

You have 5 projects to work and to write reports on.

| # | ASSIGNMENTS | START DATE | DUE DATE* | RESULT |
|---|---|------------|-----------|--------|
| 1 | <i>Studying Maple</i> | 06.16 | 06.23 | report |
| 2 | <i>Reimann Sums</i> | 06.30 | 07.07 | report |
| 3 | <i>Areas between the graphs of two functions.</i> | 07.14 | 07.14 | report |
| 4 | <i>Trapezoidal Rule</i> | 07.21 | 07.28 | report |
| 5 | <i>A Pizza Party</i> | 08.04 | 08.04 | report |
| 6 | <i>Redoing a Project</i> | 08.04 | 08.04 | report |

You submit your projects in the end of the due date class by handing in their hardcopies or by e-mail.

The late returns are penalized by taking off 5 points per day.

Your grade in the course will reflect your performance in the test and projects. The highest grade for the test and a project is 100 points.

Only one project may be **redone**. The maximal grade for that project is 90.

Although some work may be done out of class, most of each project **must** be worked in class. No credit will be assign for projects done entirely out of class.

No project will be accepted later than **noon 08.05.03**

ATTENDANCE POLICY

A student may miss fewer than two classes without penalty. *A student who misses two or more classes will have his/her grade lowered by one letter grade.*

Although some work may be done out of class, most of each project **must** be worked in class.

ACADEMIC HONESTY

All students are responsible for maintaining the highest standards of honesty and integrity in every phase of their academic careers. The penalties for academic dishonesty are severe and ignorance is not an acceptable defense

The syllabus provides a general plan. Changes in the project's topics and dates are possible.