

Syllabus

Professor

John R. Hubbard
Office: 201 Jepson Hall.
Hours: 2:00-3:30 on Mon, Wed, & Fri; other times by appointment.
Email: jhubbard@richmond.edu
Vox: 289-8086 (office), 379-0510 (home). Please do not call after 9:00 p.m.

Required Textbook

Calculus: Concepts and Contexts, Third Edition, by James E. Stewart, Thompson/Brooks/Cole, 2005.

Schedule

15 Fund. Theorem of Calculus	17 Integration by substitution	19 Integration by parts
22 The Trapezoidal Rule	24 Improper integrals	26 Simpson's Rule
29 Areas by integration	31 Volumes by integration	2 Volumes
5 Arc length	7 Volumes	9 Work
12 Applications	14 Review	16 Prelim. Test 1 on Ch. 5-6
19 Probability	21 Differential equations	23 Slope fields
26 Euler's method	28 Separable diff. equations	2 Exponential growth
5	7	9
12 The logistic equation	14 Predator-prey models	16 Sequences
19 Series	21 Review	27 Prelim. Test 2 on Ch. 7
26 The Integral Test	28 Comparison tests	30 Power series
2 Power series	4 Maclaurin series	6 Taylor series
9 Binomial series	11 Binomial series	13 Applications
16 Applications	18 Review	20 Prelim. Test 3 on Ch. 8
23 Review	25 Review	27 Review
Thu May 3 at 9:00 a.m. Final Examination on Chapters 5-8		

Homework

Written homework assignments are posted online at our BlackBoard course website. Papers are due at the beginning of each class. Please follow these guidelines:

- Use ordinary 8.5"×11" paper (not torn from a notebook).
- Use pencil (and eraser).
- Leave plenty of white space for comments.
- Staple your pages together.

Tests

The preliminary tests and final exam will not be given at any time other than when scheduled.

Grades

Grades will be posted online at our BlackBoard course website. Final grades will be computed from:

Homework	10 %
Preliminary tests	60 %
Final examination	30 %

Attendance Policy

If you miss a class or test, you should consult with your professor about how to recover from your absence.

Academic Integrity

The Richmond Honor Council has the following written policy:

All academic work, written or otherwise, submitted by a student to fulfill a course requirement is expected to be the result of the student's own thought, research, or self-expression. A student will have committed plagiarism if the student has reproduced someone else's work without acknowledging its source. Plagiarism is no more and no less a violation of the Honor Code than lying, cheating, or academic theft.

This professor regards this Honor Code as essential to the academic integrity of the university.