AMS 161: Applied Calculus II

Winter 2017

About This Course

Analytic and numerical methods of integration; interpretations and applications of integration; differential equation models and elementary solution techniques; Infinite series.

Instructor

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Text

Calculus Single Variable, by D. Hughes-Hallett et al., John Wiley & Sons. We will cover much of chapters 6 through 12.

Course Webpage

Grading Policy

- 4 Homework assignments worth 25 points each, total 100 points.
- 1 midterm worth 150 points
- 1 final worth 150 points

Depending on your total score out of 400, you will receive letter grades.

Disabilities

If you have a physical, psychological, medical, or learning disability that may impact your course work, please contact Disability Support Services at http://studentairs.stonybrook.edu/dss/ or (631) 632-6748. They will determine with you what accommodations are necessary and appropriate. All information and documentation is confidential. Students who require assistance during emergency evacuation are encouraged to discuss their needs with their professors and Disability Support Services. For procedures and information go to the following website: http://www.stonybrook.edu/ehs/re/disabilities.html.

Academic Integrity

Each student must pursue his or her academic goals honestly and be personally accountable for all submitted work. Representing another person’s work as your own is always wrong. Faculty are required to report any suspected instances of academic dishonesty to the Academic Judiciary. For more comprehensive information on academic integrity, including categories of academic dishonesty, please refer to the academic judiciary website at http://www.stonybrook.edu/nnan/academicjudiciary/.