MAT126 CALCULUS I
SECTIONS 0002 & 0004, FALL 2015

Instructor: Yannan QIU
Dates: Aug 31–Dec 11
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Office Hours: Mon 11-12 at Neville 226, Wed 11-12 at Neville 116
TA: Alice Wise (alice.wise@maine.edu) for section 2
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Class Meeting Time: I teach two sections in this semester and the meeting times are

- Section 2: MWF 10:00am-10:50am, Neville Hall 100
- Section 4: MWF 9:00am-9:50am, Neville Hall 100

Required Access Code: MyMathLab Access code. The access code can be purchased online at http://pearsonmylabandmastering.com or in the university bookstore. MyMathLab consists of various learning tools including a digital copy of the textbook listed below. I mainly use MyMathLab to assign online homeworks and the two sections share the same course ID qiu04037 in MyMathLab.


Course Description: This course is an introduction to calculus for students in mathematics, engineering, and the sciences. It covers the differential calculus of the algebraic, trigonometric, exponential and logarithmic functions, concluding with the definite integral and the fundamental theorem of calculus. The approach is intuitive and geometric, with emphasis on understanding the basic concepts of function, limit, derivative and integral. The topics include

- Limits (Chap 2)
- Derivatives (Chap 3)
- Applications of the Derivative (Chap 4)
- Integration (Chap 5)
- Applications of Integration (Chap 6)

Grading Policy: There will be weekly homework assignments (via MyMathLab), three midterm exams, and one accumulative final test. They contribute to your total score for this course, based on which a letter grade will be determined in the end of the semester. The three midterm exams will be held in September, October, and November respectively.
and their exact dates will be announced at least one week in advance. The final tests are scheduled on December 14th during 12:15pm-2:15pm (for section 2) and on December 16th during 9:30pm-11:30pm (for section 4). Calculators are not allowed during any of the tests.

- homework: 15%
- midterm exams: 1st midterm 15%, 2nd midterm 20%, 3rd midterm 20%
- final test: 30%

**Extra Help:** If you have trouble with some material, seek help in the following ways:

- Ask your professor, either in class or privately after class or by email,
- Go to the Math Lab in Neville Hall 116. Math graduate students and faculty are waiting to help you,
- Work with your classmates.

**Appendix I: Quantitative Literacy.** This course satisfies the Quantitative Literacy General Education requirement. Quantitative Literacy is the ability to formulate, evaluate, and communicate conclusions and inferences from quantitative information. This course satisfies the Quantitative Literacy General Education requirement. Students will demonstrate proficiency in Quantitative Literacy, as defined on the Quantitative Literacy Student Learning Outcomes Rubric, for the following:

1. Translate problems from everyday spoken and written language to appropriate quantitative questions by taking real world situations and translating them into mathematical models through classroom work, homework, and tests.
2. Interpret quantitative information from formulas, graphs, tables, schematics, simulations, and/or visualizations, and draw inferences from that information through classroom work, homework, and tests.
3. Solve problems using arithmetical, algebraic, analytic, geometrical, statistical, and/or computational methods through classroom work, homework, and tests.
4. Analyze answers to quantitative problems in order to determine reasonableness and suggest alternative approaches if necessary through classroom work, homework, and tests.
5. Represent quantitative information symbolically, visually, and/or numerically through classroom work, homework, and tests.
6. Present quantitative results in context using everyday spoken and written language as well as using formulas, graphs, tables, schematics, simulations, and/or visualizations through classroom work, homework, and tests.

**Appendix II: Academic Honesty.** Academic honesty is very important. It is dishonest to cheat on exams, to copy term papers, to submit papers written by another person, to fake experimental results, or to copy or reword parts of books or articles into your own papers without appropriately citing the source. Students committing or aiding in any of these violations may be given failing grades for an assignment or for an entire course, at the discretion of the instructor. In addition to any academic action taken by an instructor, these violations are also subject to action under the University of Maine Student Conduct Code. The maximum possible sanction under the student conduct code is dismissal from
Appendix III: Course Schedule Disclaimer. In the event of an extended disruption of normal classroom activities, the format for this course may be modified to enable its completion within its programmed time frame. In that event, you will be provided an addendum to the syllabus that will supersede this version.

Appendix IV: Students with Disabilities. If you have a disability for which you may be requesting an accommodation, please contact Ann Smith, Director of Disabilities Services, 121 East Annex, 581-2319, as early as possible in the term.

Appendix V: Sexual Discrimination Reporting. The University of Maine is committed to making campus a safe place for students. Because of this commitment, if you tell a teacher about an experience of sexual assault, sexual harassment, stalking, relationship abuse (dating violence and domestic violence), sexual misconduct or any form of gender discrimination involving members of the campus, your teacher is required to report this information to the campus Office of Sexual Assault & Violence Prevention or the Office of Equal Opportunity.

If you want to talk in confidence to someone about an experience of sexual discrimination, please contact these resources:

For confidential resources on campus: Counseling Center 207-581-1392 or Cutler Health Center 207-581-4000.
For confidential resources off campus: Rape Response Services 1-800-310-0000 or Spruce Run 1-800-863-9909.

The resources listed below can offer support but may have to report the incident to others who can help:

For support services on campus: Office of Sexual Assault & Violence Prevention 207-581-1406, Office of Community Standards 207-581-1409, University of Maine Police 207-581-4040 or 911. Or see the OSAVP website for a complete list of services at http://www.umaine.edu/osavp/