# Instructor: Dr. John Polhill Class Location: Navy 207

Office: Ben Franklin 237 Time: MWF 11:00-11:50

E-mail: [jpolhill@bloomu.edu](mailto:jpolhill@bloomu.edu) Office Hours: MW 3:00 – 4:30

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<http://facstaff.bloomu.edu/jpolhill>

This course is the first in a sequence of 4 calculus courses, and the material begins with a discussion of continuity and limits. The main concept for this course is that of the derivative, and the course includes the definition of a derivative, methods of differentiating, as well as applications of the derivative. The course concludes with an introduction to the antiderivative and definite integral, a discussion that will be continued in Calculus 2.

**Text:**  Calculus, 12eth Ed. By George Thomas.

**Calculator:** The TI-89 calculator (or TI-92) is required for this course.

**Grading:**

|  |  |
| --- | --- |
|  | Percentage of Grade |
| Attendance/Participation | 2% |
| Online Homework | 5% |
| Quizzes | 5% |
| Individual and Group Projects | 6% |
| Gateway Exam | 10% |
| Regular Exams (3) | 45% (15% each) |
| Final Exam | 27% |

**Attendance/Participation (2% of final grade):** You are expected to come to class EVERY day and participate by asking good questions and enthusiastically responding when called upon. An excess of 3 absences results in a loss of 2% on your final grade for each unexcused absence beyond three.

**Online Homework (5% of final grade):** Individual homework problems will be assigned daily. These assignments will be administered through MyMathLab.

**Quizzes (5% of final grade)**: There will be quizzes given, some that are announced and others that are unannounced. These will be brief and based very closely on the online homework as well as practice problems that will be given from the textbook.

**Gateway (10% of final grade):** There is a Precalculus gateway exam for this course. You have 5 attempts at passing the gateway, and your grade is a 100% for a pass and a 0% for a fail. Each of these will have 12 problems, which are graded right or wrong. No partial credit will be given. To pass the exam you must receive a score of at least 10. **Dates are TBA.**

**Exams (45% of final grade):** There will be three exams and a final in this class.

**Final (27% of final grade):** The Final Exam will be **Wednesday, December 11 at 10:30 AM** in our classroom, Navy 207.

**Make-ups and Missed assignments**: No make-ups will be allowed unless you have **talked** to me before hand or if you have a **school authorized excuse**. You are responsible for getting any work that you miss if you are absent.

**Breakdown of Grades:**

A 93-100

1. 90-92.9

B+ 87-89.9

B 83-86.9

1. 80-82.9

C+ 77-79.9

C 73-76.9

1. 70-72.9

D+ 67-69.9

D 60-66.9

E Below 60

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Chapter 1 Practice Problems for Gateway and Quiz Preparation

* 1. (1-7 odd, 15, 17, 21, 25-29 all, 37, 51)
  2. (1-11 odd, 15, 17, 35, 41)
  3. (1, 5-12 all,39, 47, 51-54 all)
  4. (1, 5, 9, 23)

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Compressed Schedule: In case of inclement (aka bad) weather, Bloomsburg University will occasionally adopt a compressed schedule as follows:

#### Monday, Wednesday, Friday

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| --- | --- |
| **Classes Beginning Between** | **Adjusted Meeting Time** |
| 8:00 to 8:50 a.m. | 10:00 to 10:40 a.m. |
| 9:00 to 9:50 a.m. | 10:50 to 11:30 a.m. |
| 10:00 to 10:50 a.m. | 11:40 to 12:20 p.m. |
| **11:00 to 11:50 a.m.** | **12:30 to 1:10 p.m.** |
| 12:00 to 12:50 p.m. | 1:20 to 2:00 p.m. |
| 1:00 to 1:50 p.m. | 2:10 to 2:50 p.m. |
| 2:00 to 2:50 p.m. | 3:00 to 3:40 p.m. |
| 3:00 to 4:15 p.m. | 3:50 to 4:50 p.m. |
| 4:30 to 5:45 p.m. | 5:00 to 6:15 p.m. |
| 6:00 p.m. and later | 6:30 p.m. to end of class |

**Policy on Cheating**: You may work with whomever you wish on homework. However, if you are caught cheating on an exam you will receive a 0 on that exam. A second time caught cheating on an exam results in course failure and referral to the Academic Grievance Board.

**Policy on Use of Cell Phones, Texting in Class, Etc.**

Cell phones must be turned off before class begins. Texting in class is not permitted. Students will receive a warning once (ever – in their lifetime), and at any point they are caught texting or using cell phones after the warning their phone will be confiscated until the next class and/or 1% will be deducted from their final grade. The latter is most likely.