

## Course Information–Syllabus

**TIME AND LOCATION:** Monday, Wednesday, Friday from 9.10 to 10.00 in room 116 (Farrall Agricultural Engineering Hall) for sections 1–4 and from 10.20 to 11.10 in room 101 (Biochemistry) for sections 9–12.

**TEXT:** Thomas' Calculus, eleventh edition

**INSTRUCTOR:** Professor Casim Abbas, A202 Wells Hall, 353-8499  
e-mail: [abbas@math.msu.edu](mailto:abbas@math.msu.edu), webpage: [www.math.msu.edu/~abbas](http://www.math.msu.edu/~abbas)

**OFFICE HOURS:** Monday, Wednesday, Friday 1:50 to 2:40. Other hours are available by appointment. The Math Learning Center and your TA are also available for questions.

**ABSENCES:** If you are absent from class, you are responsible for the material covered. Arrange to copy another student's notes and be informed of any announcements made during class.

**RECITATION SESSION:**

You will have a recitation session every Tuesday starting the first week of the semester.

| <u>Section</u> | <u>Name of TA</u> | <u>time</u> | <u>location</u> |
|----------------|-------------------|-------------|-----------------|
| 1              | Lianzhang Bao     | 9.10-10.00  | C109 Wells Hall |
| 2              | Martin Kell       | 9.10-10.00  | C110 Wells Hall |
| 3              | Lianzhang Bao     | 10.20-11.10 | C105 Wells Hall |
| 4              | Martin Kell       | 10.20-11.10 | C104 Wells Hall |
| 9              | Peter A. Fill     | 10.20-11.10 | C107 Wells Hall |
| 10             | Bryan P. Johnson  | 10.20-11.10 | C200 Wells Hall |
| 11             | Bryan P. Johnson  | 11.30-12.20 | C110 Wells Hall |
| 12             | Lianzhang Bao     | 11.30-12.20 | C107 Wells Hall |

In each recitation session the Teaching Assistant will collect the homework assignments, and the previous homework problems will be discussed. You are strongly encouraged to participate actively and ask questions.

**EXAMINATIONS:** There will be four midterm exams and a uniform final exam. Midterm exams are held during your recitation sessions on Tuesday. I may drop your lowest exam score from among the four if I believe that you have otherwise done well in class and the low score is rather an exception. I will decide about this procedure after the final exam.

**MISSED EXAMS:** Make-up exams will be given only under exceptional circumstances, and I will make decisions on an individual basis. In case of illness, it is your responsibility to notify me as soon as possible and give me a note from your physician whenever you are back in class. If you are a student athlete, please let me know ahead of time if your team travel schedule conflicts with a scheduled exam. In all other cases, notify me several days in advance. If you miss an exam without my approval or without a note from your physician then your exam score will be zero points.

**CALCULATORS/COMPUTERS:** Calculators and computers are not allowed on any exams. Cell phones, iPod's and other electronic devices have to be turned off and stowed.

**HOMEWORK:** Your homework consists of two parts: Assignments and reading. Homework assignments will be posted on my webpage. Some of the homework will be graded. You may work in groups on the homework, but each student has to write up and deliver her/his own assignment. Assignments with several names on it are invalid and receive zero credit. Homework has to be neatly written, each problem has to be clearly labeled, and you should write your name and section number on each sheet. In all the homework problems you need to show your work, otherwise you will lose points. There will be nine homework assignments, but we will drop the lowest two scores. Therefore no late homework is accepted. I also expect that you read the sections in the textbook that have been covered in the lecture and work through all the examples.

**QUIZZES:** There are no quizzes in this course.

**YOUR FINAL GRADE:** Your grade consists of three components: Your homework assignments, your midterm exams and the final exam. Your final score is a number between 0 and 100, it measures how much percent of the total available points you gathered. The components above do not contribute to the final score in the same way. The individual contributions to the final score are as follows:

Homework: 15%

Midterm Exams: 50%

Final Exam: 35%.

I am not giving grades based on effort. Even if you spend a large amount of your time on this lecture you may still receive a poor grade if your homework or exam scores are low, so take them serious.

Each homework assignment is worth 10 points. Take the total score of your seven best assignments and multiply with  $3/14$ . Denote the resulting number by  $x$ ,  $0 \leq x \leq 15$ .

Each midterm exam is worth 20 points.

- If your worst midterm score is dropped: Let  $s$  be the total score of your best three midterm exams and  $y = \frac{5}{6}s$ , then  $0 \leq y \leq 50$ .
- If all of your midterm exams are counted: Let  $s$  be the total score of your four midterm exams and  $y = \frac{5}{8}s$ , then  $0 \leq y \leq 50$ .

The final exam is worth 200 points. Multiply your final exam score by  $35/200$  and denote the result by  $z$  which is a number between 0 and 35.

Your final score is the number  $x+y+z$ . It translates as follows into your final grade:

| Final grade | final score |
|-------------|-------------|
| 4.0         | : 90-100    |
| 3.5         | : 85-89.9   |
| 3.0         | : 78-84.9   |
| 2.5         | : 70-77.9   |
| 2.0         | : 65-69.9   |
| 1.5         | : 60-64.9   |
| 1.0         | : 55-59.9   |
| 0           | : below 55  |

**EXTRA CREDIT:** There will be two Gateway exams administered by the Department. For each Gateway Exam that you pass I will add 2 points to your final score at the end of the semester. Locations and hours will be posted at:

<http://www.math.msu.edu/CurrentStudents/Gateway/Default.aspx>

There will be no other extra credit opportunity.

**ACADEMIC HONESTY:** Article 2.3.3 of the Academic Freedom Report states: The student shares with the faculty the responsibility for maintaining the integrity of scholarship, grades, and professional standards. In addition, the Mathematics Department adheres to the policies on academic honesty specified in General Student Regulation 1.0, Protection of Scholarship and Grades; the all-University Policy on Integrity of Scholarship and Grades; and Ordinance 17.00, Examinations. (See Spartan Life: Student Handbook and Resource Guide and/or the MSU Web site [www.msu.edu](http://www.msu.edu).) Therefore, you are expected to complete all exams without assistance from any source. Students who violate MSU rules may receive a penalty grade, including but not limited to a failing grade on the exam or in the course.

**MATHEMATICS LEARNING CENTER:** The Mathematics Learning Center (MLC) provides assistance for students in Math 133 and other mathematics courses as well. It is located in the A-wing of Wells Hall. To use it, sign in at the window in the lobby. The monitor there will direct you to the appropriate room for Math 133.

### Examination and Homework due Dates

- Homework #1: Tuesday, January 20 (sections 6.1 and 6.3)
- Homework #2: Tuesday, January 27 (sections 6.6, 7.1, 7.2)
- Exam 1: Tuesday, February 3 (6.1, 6.3, 6.6, 7.1-7.5)
- Homework #3: Tuesday, February 10 (sections 7.6, 7.7)
- Homework #4: Tuesday, February 17 (sections 7.8, 8.1, 8.2)
- Exam 2: Tuesday, February 24 (sections 7.6, 7.7, 7.8, 8.1, 8.2, 8.3)
- Homework #5: Tuesday, March 3 (sections 8.4, 8.5, 8.6)
- Homework #6: Tuesday, March 17 (sections 8.8, 9.1)
- Exam 3: Tuesday, March 24 (sections 8.4, 8.5, 8.6, 8.8, 9.1, 11.1)
- Homework #7: Tuesday, March 31 (sections 11.2, 11.3, 11.4)
- Homework #8: Tuesday, April 7 (sections 11.4, 11.5, 11.6, 11.7)
- Homework #9: Tuesday, April 14 (sections 11.7, 11.8, 11.9, 11.10)
- Exam 4: Tuesday, April 21 (sections 11.2-11.10, 10.4-10.7)

The sections covered on the homework assignments and exams are tentative. If there are changes I will announce them in the lecture.

### Final Examination:

Wednesday, May 6 from 10 a.m. to noon, Location will be announced later. All Math 133 sections have a uniform final exam covering the entire material of the semester. If you have another final exam at the same time or more than two final exams on May 6 (including ours) then you might be eligible for the make-up final exam which usually takes place one day after the final exam. If you qualify for the make-up final exam, in order to take it, you must fill out a request in Wells Hall A 212 no later than Friday, May 1 and provide a recent copy of your schedule as documentation. You will not be allowed to take the make-up final without registering. Students taking the make-up final exam MUST have a picture ID.

### Other Important Dates

1/16: Open add period by computer enrollment ends at 8 p.m.

1/19: Martin Luther King Day – University closed.

1/19-1/23: Students go to Undergraduate Office, A212 WH, for Mathematics enrollment changes (late adds, dropping back to a lower course, section changes). DEADLINE: Friday, 1/23, 5:00 P.M.

2/6: End of tuition refund period.

3/4: MIDDLE OF TERM: Last day to drop a course or withdraw from a course with no grade reported.

3/9-3/13: Spring break – no classes. University is open.

5/1: Last Day of Classes

Math Common Final: Wednesday, May 6, 10 to noon