

**Course Information Sheet**  
 Calculus II (Mac 2312), SPRING 2020  
 M 8:00AM - 9:50AM PC 213 WF 8:00AM - 8:50AM PC 214

**Instructor:** Dr. Chongsheng Cao.  
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**Office Hours:** MWF 10:00 - 11:00 or by an appointment.

**TEXT:** *Thomas Calculus, Early Transcendentals*, - 14th Edition, by Hass, Heil, Weir, Publisher: Pearson.

**Homework:** You are expected to do the assignments on the book and also online(MyLabsPlus). The access code for the MyLabsPlus as a standalone item (without hard-copy textbook) can be purchased in FIU bookstore; the ISBN is 0135420687 or 9780135420683. There will be 50 points towards your course grade.

**Quiz:** There will be a quiz in every MONDAY on homework type problems on sections covered during the previous days. All quizzes together count 100 points towards your course grade.

**Exams:** There will be three hour long exams plus the final exam. The hour exams (Always on MONDAY) will consist of both routine problems similar to your homework assignment and problems which may require some thought. The final exam is a comprehensive exam. Each hour long exam counts 100 points towards your course grade. The final exam counts 150 points.

A VERY GOOD WAY TO PREPARE FOR EXAMS is to be sure you have understood the reading and done (and understood!) all of the assigned problems. Many of the questions I ask are closely related to the homework and particularly **to the examples shown in class**.

**WARNING:** Please consult your calendar to be sure that you can take all the exams. If you have a conflict, it would be a good idea to enroll in a different section or take the course another time. **There will be no make-up midterm exams.**

**Calculator:** You may use a graphing calculator, such as TI-89, when you do your homework. However, **YOU CAN NOT USE** a graphing calculator during quizzes and exams.

**Grade:** Throughout the section you must accumulate your points from the quizzes, hour exams, and the final exam against a grand total of no more than 600 points. **There is no extra credits.** The following table shows how points will be awarded over the course:

	Number	Pts.	Total
homework			50
quizzes	10	10	100
Midterm Exams	3	100	300
Final Exam	1	150	150
<u>TOTAL</u>			<u>600</u>

A	B	C	D	F
$\geq 85$	$\geq 75$	$\geq 65$	$\geq 50$	$< 50$

**A Few Suggestions:** Success in any mathematics course requires a tendency to perfectionism. Every step of the way, strict attention to the smallest detail is absolutely necessary. If you can learn to acquire the trait of perfectionism for certain courses, you will succeed much more easily in mathematics. The other way around

is even truer, that is, if you are good at learning mathematics you are probably also good at learning other subjects as well.

It is important for you to work out the homework problems as much independently as possible. Try to reason through problems even though there are formulas or algorithms ready to use. This reasoning process is the essential part of the mathematical thought process. You should also do your homework in a timely fashion. Like most math courses, the material is very cumulative and therefore is easy to get behind. Time can be your friend as much as your foe.

Always read ahead. I will plan class activities assuming you have done the reading. As you read the text, concentrate on the general development first. Details of calculus and algebra are generally left to the reader; and eventually the reader should confirm all calculations. As a general rule, one should consider a pencil and scratch paper as essential equipment for reading mathematics.

Should you have any questions, speak up in class, seek individual help from me.