

MATH-1020: Calculus II
Fall 2016

Professor: Mark H. Holmes
Office Hours: MR 1:45-3:00
Email: holmes (@rpi.edu)
Office: Amos Eaton 322
Phone: 276-6891

Teaching Assistant: Anurag Kaushik
Email: kausha2 (@rpi.edu) Office: Amos Eaton 317
Office Hours: Thurs 3:30-5 / Fri 10-11:30

Text: Holmes/RPI Custom Edition of Calculus II
Our text consists of Chapters 5, 7-12 from *Calculus, Early Transcendentals 2nd ed* by Briggs, Cochran, Gillett (Pearson)

Class Website: <http://eaton.math.rpi.edu/Faculty/Holmes/Courses/CalculusII/Fall16/index.html>

<u>Week</u>	<u>Sections Covered</u>	<u>Comments</u>
Aug 29 – Sept 2	2.1, 2.2/7.1, 7.2	
Sept 5 – 9	2.3/7.3	No class Sept 5
Sept 12 – 16	2.4, 2.5/7.4, 7.5	
Sept 19 – 23	2.8, 3.1, 3.2/7.8, 8.1, 8.2	
Sept 26 – 30	3.3, 3.4/8.3, 8.4	Exam 1 (M)
Oct 3 – 7	3.5, 3.6/8.5, 8.6	
Oct 10 – 14	4.1/9.1	Class on Oct 11 (T)
Oct 17 – 21	4.2, 4.3/9.2, 9.3	
Oct 24 – 28	4.4/9.4	
Oct 31 – Nov 4	5.1, 5.2/10.1, 10.2	Exam 2 (R)
Nov 7 – 11	5.4, 6.1, 6.2/10.4, 11.1, 11.2	
Nov 14 – 18	6.3-6.6/11.3-11.6	
Nov 21 – 25	6.7/11.7	No class Nov 24
Nov 28 – Dec 2	7.2, 7.4/12.2, 12.4	
Dec 5 – 9		Exam 3 (M)
Dec 16	Final Exam (11:30-2:30)	

Grading

Your course grade will be determined using a combination of in-class exams, quizzes, and the final. The weights are as follows:

Advance Grade		With Final	
Quizzes	25%	Advance Grade	60%
Exams	75%	Final Exam	40%

Quizzes

Weekly in-class quizzes will be given through the semester. The problems will be taken verbatim from the suggested problems list. Quizzes cannot be made up and if you miss a quiz without a documented excuse you will receive a grade of zero for that quiz.

In-Class Exams

There will be three in-class exams during the semester, and they will be based on the material from the lectures, text, and homework.

Final Exam

The final is mandatory and when it is will be announced sometime in November.

Attendance

Attendance is mandatory for all quizzes and exams. Although not required, it is strongly recommended that you attend all lecture and recitation sessions.

Academic Dishonesty

Collaboration on a quiz or exam is strictly prohibited. If suspected of cheating, you will be asked for an explanation. If your explanation is unsatisfactory, you will be given a grade of zero and reported to the Dean of Students. Penalties for repeat offences can be quite harsh; check the section on Academic Integrity on the Institute Polices web page (<http://doso.rpi.edu/update.do?artcenterkey=676>) for more information about this.

Appealing a Grade

If you feel that something was overlooked in the grading of your work, please discuss it with the TA. In most cases you will be asked to submit the reasons in writing, explaining why you feel your grade is incorrect. All appeals must be made within one week of the date when the item was returned to the class. After this deadline the grade is final. Also, if your work is not picked up, and the week passes, the grade is final.

Makeup Policy on In-Class Quizzes

A student who misses a quiz will receive a zero as a grade unless prior arrangements have been made or else you have a documented excuse. For example, if you are too ill to come to class, you will need a doctor's, or an Office of Student Experience (<http://studentlife.rpi.edu/student-experience/excused-absence>), note to be excused from the quiz.

Pre-requisites

MATH-1010 (or equivalent). Highlights: the elementary differentiation and integration formulas; basic algebra and trig formulas (for sin, cos, and tan) including values at special angles. There are reference pages on our class web page with an extensive array of useful formulas from calculus.