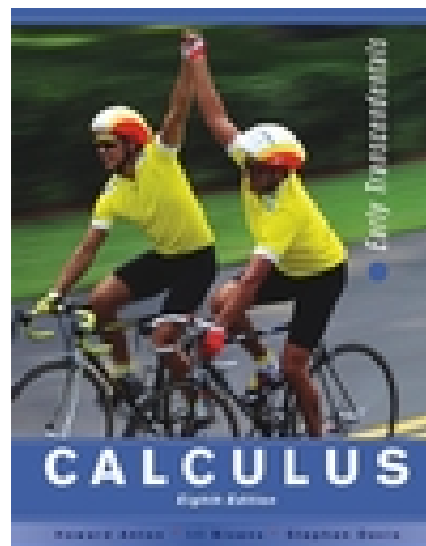


**COURSE:** M215 Calculus I  
**Instructor:** Dr. Iztok Hozo,  
**Office:** Hawthorn 455, 980-6980  
**Math. Department:** 980-6590  
**e-mail:** [ihozo@iun.edu](mailto:ihozo@iun.edu)  
**Home Page:** <http://www.iun.edu/~mathiho/>



**Office Hours:**

Mon	Tue	Wed	Thu
2:30 – 4:00	3:30 – 4:00	2:30 – 4:00	3:30 – 4:00

**Time and location:** MTWR: 4:00 - 6:15 p.m. Hawthorn Hall 219

**TextBook:** Calculus 8<sup>th</sup> Edition (Early Transcendental), by Anton, Bivens and Davis

**Grading:**

Quizzes	50%
Midterm	20%
Final Exam	30%

There will be between 7 and 21 unannounced quizzes this semester. As a general rule, **NO** make-up quizzes will be given. However, an exception will be made in an extreme emergency, but only if a student can produce some evidence of the emergency. If at all possible, call the math office **before** the exam and leave a message with the secretary. Quizzes will consist of 3-12 questions that are very similar to the questions previously assigned as practice – homework. Your personal lowest-score quiz will not be counted. The average of the remaining quizzes will count for 50% of the final course grade, thus it is extremely important to follow and understand the material as it is being taught.

Homework is a crucial part of the course. Most of the answers are provided in the back of the book. It is not the answer that is important but how you get there and the understanding and justification of each step. Practice writing complete solutions for your homework, as this is what is expected on an exam. Homework problems will not be graded, but all problems are expected to be completed since the questions on the quizzes and tests will strongly mimic and reflect the problems assigned for homework. A ton of homework problems will be assigned, but additionally working out **all** questions of each covered section is strongly recommended.

**Read** each section carefully - **work** as many exercises as you can (even those without the answers in the back). You are encouraged to work with other students. You may find that the actual amount of homework you do is more or less than other students. On average, you should expect to spend at least **FIFTEEN – TWENTY HOURS per week** (since this is a 5 credit-hour course) outside the class working on this material.

**OFFICE HOURS:** When seeking instructor’s help during office hours, it would be helpful if you would organize your questions in advance as much as possible, and be prepared to show your own homework attempts.

#### WHAT DO YOU NEED TO DO TO SUCCEED IN A MATH CLASS?

1. **Attend classes:** You are expected to be present for all class meetings. If you are absent from class, it is your responsibility to copy another student’s notes and be informed of any announcements made during class.
2. **Keep notes** during class and save graded exams for later review.
3. **Ask questions during class** to make the learning process customized to your class needs. It is up to you to make sure that your instructor explains everything in detail, at a pace that suits the best the entire group.
4. **Review your notes and the textbook examples**, attempting to understand the main points of what was presented in class, before trying to solve the assigned homework problems.
5. **Work all homework problems** the same day they are assigned and check your answers in the back of the book. Homework is an essential activity for you to achieve success in a mathematics class. If you have difficulties solving some of them, consult a classmate, a math lab tutor or visit your professor during office hours. It is extremely important that you clarify all concepts before the next class meeting.
6. **Organize your time** as you should expect to spend at least ten hours per week outside the class working on this material.
7. **Before each exam** you should at a minimum review your class notes, the text material covered, problem solving techniques, the assigned homework exercises and all recent quizzes.
8. **Don’t forget** to get a good night’s rest before each exam.
9. **When you receive the exam questions**, read quickly through all of the questions, and begin by doing first the problems you feel most confident about. This may settle your nerves! The more challenging questions should be left for later. Try to save a few minutes at the end to proofread your work before handing in the exam.

**MATH LAB:** IUN provides free math tutoring services on a walk-in basis at Hawthorn Hall 446. All Math Tutors are students majoring in Mathematics, a math-related field or are graduates with a degree in a math related field. In order to accommodate students with varying schedules, we offer evening and Saturday hours. For more information, please call the Math Lab Supervisor at (219) 980-6590 or check the web page <http://www.iun.edu/~math/mlab.shtml>.

**ACADEMIC HONESTY:** It is the responsibility of the student to know of the prohibited actions such as cheating, fabrication, plagiarism, academic, and personal misconduct, and thus, to avoid them. All students are held to the standards outlined in the code. Please reference the <http://dsa.indiana.edu/Code/> for a complete listing. Any violation may result in serious academic penalty, ranging from receiving a warning, to failing the assignment, to failing the course, to expulsion from the University.

**THE GRADE OF INCOMPLETE:** The grade 'I' indicates that the student's work in a course is satisfactory thus far but has not been completed as of the end of the semester. It may be given only when

1. the course work is substantially completed
2. the completed portion of a student's work in a course is of passing quality
3. there is documented proof that it is unjust to hold the student to the original time limit for course completion.

It is the responsibility of the student who has incurred a grade of Incomplete to fulfill the requirements of that course within a maximum of one calendar year from the date on which the "I" grade is recorded. After one calendar year, a grade of Incomplete automatically changes to a grade of F on the student's record.

**STUDENTS WITH DISABILITIES:** If you have a documented disability and need assistance, special arrangements can be made to accommodate most needs. Visit the web page <http://www.iun.edu/~supportn/contactus.shtml> for more information.

This is a **tentative** schedule that may vary during the semester. Please attend the classes if you want to know about any changes to this schedule! (I will try to keep updated syllabus on the web: [www.iun.edu/~mathiho](http://www.iun.edu/~mathiho))

<b><u>TENTATIVE SYLLABUS</u></b>			
<b>Week</b>	<b>Date</b>	<b>Day</b>	<b>Homework assignment and Tests</b>
1	May 14	Monday	<b>1.1:</b> 5,7,21,25; <b>1.2:</b> 1,3,7,17,27; <b>1.3:</b> 3,13,15,31,35; <b>1.4:</b> 4,10,11,15,25;
	May 15	Tuesday	<b>1.5:</b> 1,9,15,17,23,30,40,48,55; <b>1.6:</b> 3,11,15,21,25,30,49,55; <b>1.7:</b> 2,5,9,19
	May 16	Wednesday	<b>1.8:</b> 3,7,9,11,17,23,27,41; <b>Review</b>
	May 17	Thursday	<b>2.1:</b> 1,3,5,9,17; <b>2.2:</b> 1,2,3,7,17,23,27,31,37;
2	May 21	Monday	<b>2.3:</b> 1,3,5,7-23(odd),31,33,45,49,55,57,63,67,71,77; <b>2.4:</b> 1,3,9,13,21,25,29,35,37,41,45,49,58,69;
	May 22	Tuesday	<b>2.5:</b> 1-4,7,9,11-23,25,29,43; <b>2.6:</b> 5,7,17,21,25,31,37,43,47,57,61,69; <b>Review</b>
	May 23	Wednesday	<b>Review</b>
	May 24	Thursday	<b>3.1:</b> 5,7,11,17,19,20; and <b>3.2:</b> 1,3,11,17,23,25,37,43,44,45; <b>3.3:</b> 1-23(odd),31,34,37,39,51,53,55,57,63;
3	May 28	Monday	<b>Memorial Day – no classes</b>
	May 29	Tuesday	<b>3.4:</b> 1-29(odd),33; <b>3.5:</b> 1-25(odd),31,34;
	May 30	Wednesday	<b>3.6:</b> 1,3,7-35(odd),45,53,61,75; 3.7: <b>3.7:</b> 11-25(odd),30,36;
	May 31	Thursday	<b>3.8:</b> 5,7,11,19,23,31,37,43,53,57; <b>Review</b>
4	Jun 04	Monday	<b>4.1:</b> 1,7-27(odd),31,32,35,51,55; <b>4.2:</b> 1,7,9,13,15,19,23,27,29,32,33,37,41,49;
	Jun 05	Tuesday	<b>4.3:</b> 3,5,9,11,15-21(odd),29,33,37,45,51,61; <b>4.4:</b> 1-33(odd),51,53,55;
	Jun 06	Wednesday	<b>Review</b>
	Jun 07	Thursday	<b>Midterm exam</b>
5	Jun 11	Monday	<b>5.1:</b> 1,5,7,9,11-25(odd),35,37,53,55,63,65; <b>5.2:</b> 1,3,9,15-18,21,25,31-39(odd),71,73;
	Jun 12	Tuesday	<b>5.3:</b> 1-5(odd),15,19,25,27-55(odd),61; <b>5.4:</b> 5-37(odd),49;
	Jun 13	Wednesday	<b>5.5:</b> 3-59(odd); <b>5.6:</b> 3,7,11-19(odd),23,29; and <b>5.7:</b> 5-11(odd),17,21,23,29,38;
	Jun 14	Thursday	<b>5.8:</b> 1-15(odd),21-35(odd);
	Jun 15	Friday	Automatic Withdrawal deadline
6	Jun 18	Monday	<b>Review</b>
	Jun 19	Tuesday	<b>6.1:</b> 1-23(odd) and <b>6.2:</b> 1-35(odd),41-47(odd);
	Jun 20	Wednesday	<b>6.3:</b> 1-41(odd),55,63,65; <b>6.4:</b> 1-23(odd),39-55(odd),65-69;
	Jun 21	Thursday	<b>6.5:</b> 3-15(odd),21-31(odd),35; <b>6.6:</b> 1-23(odd),31,35,39,43,51,55,59,63,71,73;
7	Jun 25	Monday	<b>6.7:</b> 1,5-17(odd),27-43(odd); <b>6.8:</b> 1-43(odd),51,55;
	Jun 26	Tuesday	<b>6.9:</b> 3-23(odd),31,33,37;
	Jun 27	Wednesday	<b>Review</b>
Finals	Jun 28	Thursday	<b>Comprehensive Final Exam</b>