

**Instructor:** Jon Hasenbank, Ph.D.  
**Contact Info:** hasenban.jon@uwlax.edu  
 1034 Cowley Hall, 785-6609  
**Web Access:** Use D2L for grades. For handouts, quiz solutions, and news:  
[www.uwlax.edu/faculty/hasenbank/mth208](http://www.uwlax.edu/faculty/hasenbank/mth208)  
**Textbook:** *Calculus, Early Transcendentals* 6E (James Stewart)

	Mon	Tue	Wed	Thu	Fri
8:15					Research (may be available)
8:50		OH		OH	
9:55	Mth125	Mth125	Mth125	Mth125	
11:00	Mth125	Mth125	Mth125	Mth125	
12:05	Lunch	Lunch	Lunch	Lunch	
1:10					
2:15	Mth208	Mth208	Mth208	Mth208	
3:20	OH		OH		

Feel free to stop by my office any time, even if it is outside my scheduled office hours. Appointments are NOT necessary! (But they do increase your chances of finding me...)

**Additional Materials:**

- Three-ring binder for organizing graded work, class notes, and handouts.
- Graphing calculator (optional: will not be allowed for quizzes or exams).

**Course Description from UW-L Catalog:**

A continuation of Calculus I with a rigorous introduction to sequences and series. Topics include techniques of integration and indeterminate forms, improper integrals, applications of integrals, applications of integrals to the physical sciences, tests for the convergence of a series, absolute convergence, power series, and Taylor's Theorem with Remainder. First order linear differential equations are explored, as well as the geometry of space.

**Students with Disabilities:** If you have a documented disability, please feel free to contact me at the beginning of the semester to communicate your needs. After we speak, I may direct you to the Disability Resource Services office (165 Murphy Library, 5-6900) for verification and documentation of your needs.

**Class Policies:**

1. Attendance & behavior. You are expected to attend class every day, ask and respond to questions, and participate in discussions and group work.
2. Late work is not acceptable. Organization and timeliness are important job skills, and I expect you to meet all deadlines for assigned work. Unless otherwise noted, work is due at the start of class. Work turned later the same day will be marked down one letter grade. Other late work will not be graded unless approved in advance. In-class assignments missed due to absence cannot be made up.
3. Office Hours: I welcome (and expect) students to visit me during office hours for help or clarification. Feel free to stop by my office at any time, but understand that I often use the time right before class to make final preparations. I look forward to seeing you!
4. Quizzes. One “Homequiz” will be dropped before your final grade is calculated.
5. Exams. If you must miss an exam due to an emergency, you need to contact me as soon as is reasonably possible to discuss your options. I will (at my discretion) either schedule another time for you to take it or absorb the points into your final exam. I require externally verifiable documentation of any emergency.
6. No Extra Credit. There will NOT be any opportunities for extra credit: maximize your points early so you have some cushion before the final exam.

**Assessment Philosophy:**

- Homework: Homework is your chance to develop your skills and understanding. It will not usually be graded, but I expect you will come to class prepared to ask questions and discuss answers.
- Home quizzes: These graded homework assignments (due roughly once per week except after exam weeks) give you a chance to demonstrate your knowledge and skills in an un-timed environment.
- Assessment Quizzes: These 15-minute quizzes will be given roughly one week prior to each of the four exams. These graded in-class quizzes are designed to give you a chance to put your skills to the test under time constraints similar to what you will experience during exams. Use them to get a jump start on your studying.
- Exams: Exams are used to gauge your progress in the course and they will reflect heavily on your final grade. They will be designed to assess both understanding and skill. To do well, you will need to be able to quickly identify an appropriate method to use and then apply it efficiently and effectively.
- Writing Projects: Two writing projects are designed to help you put the tools of calculus to work on applied problems and to give you additional experience writing mathematics in a professional setting. The quality and clarity of your presentation will be considered in addition to the correctness and completeness of your mathematics.

<b>Points Breakdown</b> (approximate, and subject to change!)			
Percentages for letter grade guarantees are listed below.		Exams (4 at 100 pts.)	400
A: 100-92	AB: 92-88	Final Exam (cumulative)	150
BC: 82-78	C: 78-70	Writing Projects (2 at 30 pts.)	60
	D: 70-60	Homequizzes (9 at 15 pts.)	135
		<u>Assessment Quizzes (4 at 10 pts)</u>	<u>40</u>
		<b>Total:</b>	<b>785</b>

**Integrity:**

It is academic misconduct to present the ideas or works of another as one's own work, or to permit another to present one's work without customary and proper acknowledgment of authorship. Students are responsible for the honest completion and representation of their work.

**The Key to Success in Calc II:**

In Calc II, you will be learning new concepts (sequences, series, differential equations, vectors) as well as a wide variety of new techniques of integration (trig integrals, trig substitutions, integration by parts), methods of solving differential equations (separation of variables, integrating factors), and various tests for convergence of series (e.g. ratio test, integral test, comparison test). With all these procedures to be learned, one crucial piece of advice is:

*You must learn how to quickly select the most appropriate tool for solving any given problem.*

To some extent, that's good advice for any course. But it is particularly important in Calc II, and I will be reminding you of that from time to time. Indeed, that is one of the main reasons for giving the Homequizzes. I strongly suggest that you try to spend a little time each week summarizing the tools you have learned and identifying the types of problems each one is best suited for.

Of course you should also do the usual things: don't let yourself fall behind, always finish your homework in a timely manner, visit my office hours when you have questions, and utilize the free math tutoring center in Whitney Center.

---

Note: The information on this page is subject to change at the discretion of the instructor. Changes will be announced in class and updates will be posted on the course website.