



NORTHEAST IOWA COMMUNITY COLLEGE

Northeast Iowa Community College provides in-demand education and training focused on improving lives, driving business success and advancing community vitality.

MAT 210 84001 Calculus I

Spring 2021

Delivery Method:

- Hybrid
- Video Conference

Meet Days/Times/Location:

- Hybrid; ONL
- M,W; 1:00 PM - 2:00 PM; Peosta Campus; L210

The link to connect virtually to the course can be found within Brightspace, in Course Content, under Class Meeting.

Start and End Dates:

- 1/11/2021 - 5/12/2021

Academic Department: Liberal Arts, Science and Business

Final: The final date and time will be announced later in the semester. Faculty members may choose to give an exam or incorporate a project/presentation as a final. If a final exam is not given, class is still held at the scheduled final exam time to complete the required goals and objectives of the course and meet the scheduled required hours.

Required Materials

Web cam - Student must have one for their computer

To protect the integrity of exams, this class requires the use of a webcam in the testing environment. Certain tests are proctored through Honorlock, and the video and audio transcript of your test environment will be accessible to your instructor for review.

Student must have a TI-84 graphing calculator (any version)**Student is required to choose one of the two options below****Thomas' Calculus Loose-Leaf + MyLab Math w/ eText - 18-Week Access Card**

ISBN: 9780136207795

MyLab Math w/ Pearson eText -- 18 Week Instant Access -- for Thomas' Calculus

ISBN: 9780135961391

Course Information

Course Description: Students gain an understanding of calculus and analytical geometry, differentiation and applications.

Major Course Objective: To provide the students with a working knowledge of the basic level of calculus and analytic geometry. With a basic knowledge of calculus the student will be better prepared to study magnitudes which are in change, and describe such changes mathematically

Primary Common Learning Outcome Assessed: Critical Thinking

Educational Learning Outcomes:

- Precalculus Review, Sets, and Functions (optional)
- Limits and Continuity of Functions
- Derivatives of Functions
- Applications of Derivatives
- The Integral - Definite and Indefinite
- Transcendental Functions

Prerequisite(s): A minimum grade of C- in MAT 120 and MAT 130 or a minimum grade of C- in MAT 128 or qualifying placement score

Grading Procedures and Scale

Grade	Grading Scale by Percent of Total Points <i>Ex. (94 - 100%)</i>	Grading Scale by Points <i>Ex. (940 - 1000+)</i>
A	93 - 100	
A-	90 - 92	
B+	87 - 89	
B	83 - 86	
B-	80 - 82	
C+	77 - 79	
C	73 - 76	
C- (or P)	70 - 72	
D+	67 - 69	
D	63 - 66	
D-	60 - 62	
F (or NP)	0 - 59	

	# of Assignments	Points / Percentage
Chapter homework	39 homeworks	10 points each
Quizzes	3 quizzes	10 points each
Test	5 exams (100pts each) + 1 Final exam (150pts)	650
Total Points possible		1070

All exams will be using the Honorlock software and a web cam will be needed to take each exam.

You will be expected to take the exams without any help from people, any book or any electronic device. You will need to show your work

and email it in to me with in 15min after the exam.

Course Calendar

The course calendar is a guide for activities and subject to change at faculty discretion.

Course Calendar

Due Date	Assignment/Exams/Etc	Point Value	Course Unit Objective(ELO's)	Program Learning Outcome	Common Learning Outcome
1/11/2021	Appendix A, 1.1	20	Functions, graphing and trigonometry	Students will demonstrate competence in problem-solving, logical thinking, and the application of mathematical processes	Think Critically
1/13/2021	1.3, 1.4	20	All that follows as above	Students will demonstrate competence in problem-solving, logical thinking, and the application of mathematical processes	Think Critically
1/18/2021	2.1, handout	20		Students will demonstrate competence in problem-solving, logical	Think Critically

				thinking, and the application of mathematical processes	
1/20/2021	Review, 2.2	10		Students will demonstrate competence in problem-solving, logical thinking, and the application of mathematical processes	Think Critically
1/25/2021	Exam 1	100		Students will demonstrate competence in problem-solving, logical thinking, and the application of mathematical processes	Think Critically
1/27/2021	2.3, 2.4	20	Limits and Continuity	Students will demonstrate competence in problem-solving, logical thinking, and the application of mathematical processes	Think Critically
2/1/2021	2.5, 2.6	20	All that follows as above	Students will demonstrate	Think Critically

				competence in problem-solving, logical thinking, and the application of mathematical processes	
2/3/2021	3.1, 3.2	20		Students will demonstrate competence in problem-solving, logical thinking, and the application of mathematical processes	Think Critically
2/8/2021	3.3 Review, Quiz (2.2, 2.4, 2.6)	20		Students will demonstrate competence in problem-solving, logical thinking, and the application of mathematical processes	Think Critically
2/10/2021	Exam II	100		Students will demonstrate competence in problem-solving, logical thinking, and the application of	Think Critically

				mathematical processes	
2/15/2021	3.3, 3.4	20	Derivatives of Functions	Students will demonstrate competence in problem-solving, logical thinking, and the application of mathematical processes	Think Critically
2/17/2021	3.5, 3.6	20	All that follows as above	Students will demonstrate competence in problem-solving, logical thinking, and the application of mathematical processes	Think Critically
2/22/2021	3.6, 3.7	20		Students will demonstrate competence in problem-solving, logical thinking, and the application of mathematical processes	Think Critically
2/24/2021	Catchup, quiz (3.3, 3.5, 3.6)	10		Students will demonstrate competence in problem-solving,	Think Critically

				logical thinking, and the application of mathematical processes	
3/1/2021	3.8, 3.9	20		Students will demonstrate competence in problem-solving, logical thinking, and the application of mathematical processes	Think Critically
3/3/2021	Review, 4.1	10		Students will demonstrate competence in problem-solving, logical thinking, and the application of mathematical processes	Think Critically
3/15/2021	Exam III	100		Students will demonstrate competence in problem-solving, logical thinking, and the application of mathematical processes	Think Critically
3/17/2021	4.2, 4.3	20	Applications of	Students will	Think

			Derivatives	demonstrate competence in problem-solving, logical thinking, and the application of mathematical processes	Critically
3/22/2021	4.4, 4.5	20	All that follows as above	Students will demonstrate competence in problem-solving, logical thinking, and the application of mathematical processes	Think Critically
3/24/2021	4.6, 4.7	20		Students will demonstrate competence in problem-solving, logical thinking, and the application of mathematical processes	Think Critically
3/29/2021	5.1, 5.2	20		Students will demonstrate competence in problem-solving, logical thinking, and the	Think Critically

				application of mathematical processes	
3/31/2021	Review, 5.3	10		Students will demonstrate competence in problem-solving, logical thinking, and the application of mathematical processes	Think Critically
4/7/2021	Exam IV	100		Students will demonstrate competence in problem-solving, logical thinking, and the application of mathematical processes	Think Critically
4/12/2021	5.4, 5.5	20	The Integral and transcendental functions	Students will demonstrate competence in problem-solving, logical thinking, and the application of mathematical processes	Think Critically
4/14/2021	5.6, 7.1	20	All that follows as above	Students will demonstrate competence in problem-	Think Critically

				solving, logical thinking, and the application of mathematical processes	
4/19/2021	7.2, 7.3	20		Students will demonstrate competence in problem-solving, logical thinking, and the application of mathematical processes	Think Critically
4/21/2021	7.4, 7.5	20-		Students will demonstrate competence in problem-solving, logical thinking, and the application of mathematical processes	Think Critically
4/26/2021	catchup			Students will demonstrate competence in problem-solving, logical thinking, and the application of mathematical processes	Think Critically

4/28/2021	Review			Students will demonstrate competence in problem-solving, logical thinking, and the application of mathematical processes	Think Critically
5/3/2021	Exam 5	100		Students will demonstrate competence in problem-solving, logical thinking, and the application of mathematical processes	Think Critically
5/5/2021	Review quiz (3.6, 3.8, 4.4, 5.4)	10		Students will demonstrate competence in problem-solving, logical thinking, and the application of mathematical processes	Think Critically
5/10/2021	Final Exam	150		Students will demonstrate competence in problem-solving, logical thinking, and	Think Critically

				the application of mathematical processes	
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Student Course Feedback

Prior to course completion you will receive an email providing a link to share your feedback. You are EXPECTED to complete the feedback form for each class.

Assessment

Northeast Iowa Community College is an institution dedicated to continuous instructional improvement as part of our assessment efforts. It is necessary for us to collect and analyze course level data. Data drawn from student work for the purposes of institutional assessment will be posted in aggregate and will not identify individual students. Your continued support in our ongoing effort to provide quality instructional services at NICC is appreciated.

Course Policies

Attendance/Academic Engagement

(See College Handbook for more details) Regular attendance is expected. A strong relationship exists between success in college and class attendance. Absence in class interferes with the learning process and may lead to academic failure. Students should confer with the instructor immediately following an absence. When there is advance knowledge of an absence, students should discuss this with the instructor prior to the absence.

If you find that you have any trouble keeping up with assignments or other aspects of the course, make sure you let your instructor know as early as possible. As you will find, building rapport and effective relationships are key to becoming an effective professional. Make sure that you are proactive in informing your instructor when difficulties arise during the semester so that we can help you find a solution.

Academic Dishonesty

Academic dishonesty will not be tolerated in any course at NICC. Plagiarism and other forms of cheating are examples of such dishonesty and are subject to review and possible sanctions as outlined in the NICC Student Conduct Code. For a detailed explanation of plagiarism, please visit the Plagiarism Lib Guide at <http://nicc.lebguises.com/citingsources>.

Late Work

I do not except late work unless students has special permission.

Missing Assignments

I do not except late work unless students has special permission.

Makeup Testing

You will be expected to take the exams and quizzes at the scheduled times. Any test missed without prior permission will count as a zero. No makeup quizzes. If you are going to miss a test because of an extreme emergency you must call the instructor (prior to the time the test will be given) to let him know you will be missing and to make arrangements to make up the test. If you cannot reach the instructor leave a written message for the instructor or a message on the instructor's answering machine. I have a 24 hour answering machine. Your test must be made up on the first day of your return to school. Homework is your responsibility, and you cannot learn mathematics without doing it. It will be helpful to keep homework organized in a notebook. You are responsible for homework, lecture, and material in the text. Please feel free to ask me any questions you might have about this course at any time

Use of Technology in the Classroom

Cell Phone/Text Messaging Usage

No cell phone use allowed. Turn all electronic devices off and put away (except calculator)

Procedure for use (in class) of unauthorized electronic devices:

1. First offense: Student is told to put away
2. Second offense: Student is removed from class
3. Third offense: Student is permanently removed from class.
4. Teacher may let student back in the class under special circumstances

Laptop Use

Laptops can be used to access course materials only.

Recording

Only permitted as a pre-approved instructional accommodation.

Classroom Conduct

As a student in this course (and at this College) you are expected to maintain a high degree of professionalism, commitment to active learning and participation in this class; and also integrity in your behavior in and out of the classroom in which the rights, dignity, worth, and freedom of all members of the class are respected. Please refer to the College Catalog for detailed information on the Student Conduct Code.

Additional Information

Class Continuation during Campus or Center Closing

Instructional continuity is critical to the College mission and to your success in this class. As such, should a campus or center close due to weather or unforeseen circumstances, please check your Brightspace class for specific instructions and expectations from your instructor due to the campus closure.

Classes will not be canceled, and students will be expected to continue to engage in this class remotely until such a time as classes can return to normal.

For notification on campus closures, please refer to the following:

<https://www.nicc.edu/about/consumer-information/emergency-response-and-procedure/>

Campus Emergencies

In the event of a campus emergency, an alarm will sound or an appropriate announcement will be made. An emergency response guide, building evacuation routes and severe weather shelter areas are posted in each room. Safety drills are held on a regular basis. For more information, visit [campus emergencies](#) in the college catalog.

Learning Center

The NICC Learning Centers provide tutoring assistance free of charge to any student in person Monday through Friday or virtually online with our online tutoring service 24/7 with [Upswing](#). Students are encouraged to utilize the Learning Centers in Calmar, Peosta or Dubuque.

Access

Take advantage of the *ReadSpeaker Listen Button* to enhance understanding and comprehension of the materials in this and any syllabus within the content area. All of the materials posted in the content area of NICC Brightspace classrooms have a *Listen Button* to have the text highlighted and read for you. Listening to text read aloud is shown to improve reading comprehension.

<https://ws.readspeaker.com/a/wasp/app/8>

ReadSpeaker for Brightspace by D2L



Course Copyright

All course materials students receive or to which students have online access are protected by copyright laws. Students may use course materials and make copies for their own use as needed, but unauthorized distribution and/or uploading of materials without the instructor's express written permission is strictly prohibited. Students who engage in the unauthorized distribution of copyrighted materials may be held in violation of the College's Code of Conduct, and/or liable under Federal and State laws.

Netiquette

The term "Netiquette" refers to the etiquette guidelines for electronic communications, such as e-mail and bulletin board postings. Netiquette covers not only rules to maintain civility in discussions, but also special guidelines unique to the electronic nature of forum messages.

Accommodation Policy

In accordance with the Americans with Disability Act, NICC ensures the accessibility of its programs, classes, and services to students with disabilities. For any questions or to apply for disability services please contact the Disability Services Office to set up an appointment, or visit the Disability Services website at: <https://www.nicc.edu/academic-support/disability-services/accommodations/> for additional information. Any student eligible for and needing academic accommodations because of a disability is requested to speak with their instructor.

Anna Stamat, MS, NCG (Calmar)

Adam Green (Peosta)

Disability Services Coordinator
844.642.2338 ext. 1258
stamata@nicc.edu

Disability Services Coordinator
844.642.2338 ext. 2280
greenad@nicc.edu

Statement of Non-Discrimination

It is the policy of Northeast Iowa Community College not to discriminate on the basis of race, color, national origin, sex, disability, age (employment), sexual orientation, gender identity, creed, religion, and actual or potential parental, family or marital status in its programs, activities, or employment practices as required by federal and state civil rights regulations. If you have questions, concerns or to read the full policy at: <https://www.nicc.edu/about/nondiscrimination-policy/>.

Title IX: Confidentiality and Responsible Employee Statement

Northeast Iowa Community College faculty are committed to helping create a safe and open learning environment for all students. If you (or someone you know) have experienced any form of sexual misconduct, including sexual assault, dating or domestic violence, or stalking, know that help and support are available. The College strongly encourages all members of the community to take action, seek support and report incidents of sexual misconduct to the Title IX Office. Please be aware that under Title IX of the Education Amendments of 1972, I am required to disclose information about such misconduct to the Title IX Office.

If you wish to speak to a confidential employee who does not have this reporting responsibility, you can contact one of NICC's Counselors (Calmar Campus 844.642.2338, ext. 1378 / Peosta Campus 844.642.2338, ext. 2215). For more information about reporting options and resources visit [Sexual Respect and Title IX](#).

Disclaimer

This syllabus, along with course assignments and due dates, are subject to change. It is the student's responsibility to check the Learning Management System (Currently Brightspace) for corrections or updates to the syllabus. Any changes will be clearly noted by your instructor or listed in the course announcements or through NICC email.