

Math 151.01 Course Syllabus: Spring 2022

Instructor:	Kristi Laird
Phone:	517-796-8503 (office phone) 517-206-4010 (cell phone)
E-mail:	lairdkristik@jccmi.edu
Class Meetings:	Mondays and Wednesdays 11 am – 12:50 pm JM 251
MyMathLab Website:	www.mymathlab.com
MyMathLab Course ID:	Course ID: laird58654 See "My Math Lab Information" posted in JetNet
Office Hours:	JM 252: M/W 9 am – 11 am Online: T/Th 11 am – 12 pm

Course Materials:

- MyMathLab Student Access: contains electronic textbook and electronic homework; access code sent to your JC e-mail from BibliU (check spam folder if you have not seen this yet)
- MAT 151 Coursepack: contains course notes and worksheets; you need to pick this up at the Jetstore (Jackson College bookstore)
- Graphing Technology: Desmos (free online at Desmos.com) and/or graphing calculator such as TI-84 plus
- Computer to access My Math Lab and JetNet

Course Pre-requisites: MAT 141 or an equivalent pre-calculus course.

Course Outcomes: Students who are successful in MTH 151 will be able to:

- Find limits using graphical, numerical and analytical methods
- Find derivatives of algebraic, exponential, logarithmic and trigonometric functions
- Solve problems involving applications of the derivative
- Perform integration including techniques of substitution and numerical integration
- Solve problems involving application of the integral to finding area

General Education Outcomes: The Board of Trustees has determined that all JC graduates develop or enhance certain essential skills while enrolled in the college. MAT 151 contributes to the following General Education Outcomes:

GEO 3: Demonstrate computational skills and mathematical reasoning

Course Requirements:

Learning the Material: There are three ways you can get the information and instruction you need in this class.

- 1. Class Sessions:** We meet for about two hours, twice a week and will use every moment of our time together to learn calculus! Class will typically consist of time to ask questions from previous material, time spent discussing the topics from the notes, and time to practice by doing problems from the classwork sheets. You will have the opportunity to interact with the instructor as well as with other students as we explore the content of the course together.
- 2. Electronic Textbook:** Your subscription to My Math Lab includes the electronic version of our textbook. Although the course is organized around the coursepack, the course calendar includes textbook references for each topic. You may want to use the text to read about and reinforce what we do in class, to get additional background, to see more worked examples, or to find extra practice problems.
- 3. Video Lectures:** These are lectures I have pre-made for each section; they were not done for a live group of students and are therefore a bit less dynamic than actual class sessions. They also don't include any work on classwork assignments. There are a couple of reasons you may want to use these videos, however. The first is to get lectures to cover the sections of the coursepack listed as 'On Your Own' in the course calendar, or to finish sections we don't quite get done in class. The second is in a situation where you cannot come to class due to illness or other emergency – these videos will help you keep up with the course. You can access these videos via my YouTube playlist; the link is posted in our JetNet course.

Practicing the Material: You've probably heard the phrase "practice makes perfect", and though perfection isn't required, it is certainly true in math that practice is essential to your learning and understanding the material! There are two sources of practice in this class, both of which contribute to your final grade in the course.

1. My Math Lab Homework:

- These assignments must be done on a computer with internet access using MyMathLab (<http://www.mymathlab.com>).
- Homework will be due as posted in the course calendar and in My Math Lab. Late homework will be penalized at the rate of 25% until the end of the unit. Once a unit ends, homework for that unit can no longer be done for credit.
- You have an unlimited number of tries to do the homework before you submit it (up until the due date). So do them until they are right and you will have full credit!
- If you cannot figure out a problem, try the various help features in My Math Lab. Note that one of these allows you to send the problem to me using the "Ask My Instructor" feature – if you do this, I will either answer you directly or else work the problem during our next class session.

2. Classwork:

- The classwork assignments are part of your coursepack. You will have the opportunity to work on some classwork during class sessions. In some cases, credit will be applied for the work done in class. At other times you will be asked to formally hand in the classwork.
- Classwork must be submitted by the end of class on the stated due date, and will not be accepted late. If you must miss a class session, you are still responsible for handing in your assignment(s) on time. In this situation, you can submit the work by scanning it to create a pdf and then uploading the pdf in JetNet. (Complete instructions available in JetNet.)
- Note that only assignments handed in on paper during class, or submitted in JetNet by the end of class, will be accepted and graded. Please do not e-mail your assignments to me.

Demonstrating Mastery of the Material: Ultimately, you need to show that you have learned the course content! This is done via assessments: unit tests, midterm and final exams.

There are a total of four assessments in this course, as indicated in the syllabus: The Unit 1 Test, the Midterm, the Unit 3 Test and the Final.

- The Unit 1 Test is closed book; you may use the course formulas packet, but no other notes. The test must be taken in class; see the calendar for specific date. Tests not taken on the date indicated will receive a grade of zero except under extreme, well-documented circumstances arranged *in advance* with the instructor.
- The Midterm Exam is cumulative and covers all material from Units 1 and 2. The midterm is closed book; you may use the course formulas packet, but no other notes. The exam must be taken in class; see the calendar for specific date. Exams not taken on the date indicated will receive a grade of zero except under extreme, well-documented circumstances arranged *in advance* with the instructor.
- The Unit 3 Test is to be completed at home, and you are allowed access to your notes. The test must be taken by you individually, without help from other people, websites, etc. The test will be taken via JetNet and has a time limit. It must be completed by the date and time indicated in the syllabus.
- The Final Exam is cumulative and covers all material from Units 1 and 2. The midterm is closed book; you may use the course formulas packet, but no other notes. The exam must be taken in class; see the calendar for specific date. Exams not taken on the date indicated will receive a grade of zero except under extreme, well-documented circumstances arranged *in advance* with the instructor.

Grading Information:

A 2.0 or "C" is a passing grade. Only classes with passing grades count toward graduation. Other colleges transfer in only courses with passing grades. Many financial aid sources, including most employers, require passing grades. Additionally, earning less than a 2.0 in a class results in being unable to use the class as a pre-requisite for the next class in a sequence.

<u>Grading Scale:</u>		<u>Grading Policy:</u>
90 -100%	4.0	
85 - 89%	3.5	Online Homework : 15%
80 - 84%	3.0	Classwork: 15%
75 - 79%	2.5	Test 1: 15%
70 - 75%	2.0	Midterm: 20%
65 - 69%	1.5	Test 3: 15%
60 - 64%	1.0	Final Exam: 20%
50 - 59%	0.5	
0-49%	0.0	

Throughout the course, your grades will be stored in your JetNet Gradebook. Note that My Math Lab grades will be transferred from MML to JetNet at the end of each Unit.

Communication:

There are a number of different communication modes you should be aware of:

- Outside of class, my primary form of individual communication with you will be your Jackson College e-mail. You should check your JC e-mail at least once a day.
- You can communicate with me via my JC e-mail as well (lairdkristik@jccmi.edu). On business days if you send me an e-mail before 3 pm you will normally hear back from me the same day; e-mails received after that time will be answered no later than the following business day.
- You will also receive personalized feedback from me on graded assignments. Please get in the habit of going over returned work carefully – you can learn a lot from a mistake if you take the time to understand the correction!
- Finally, if you would like to have a real-time conversation with me, please don't hesitate to let me know. We can accomplish this in whatever way works best for you:
 - You are welcome to drop in during my office hours in JM 252 – no appointment needed!
 - Alternatively, we can set up an individual phone call or Zoom session – just let me know some days/times when you are available and I will set it up from there.

Class Policies

Attendance Policy: Class attendance is very important. While there is no direct attendance grade keep in mind:

- Class sessions will help you focus on the most important course material as well as give you the opportunity to ask questions and get clarification of challenging problems and the chance to work with other students on problem solving.
- Missing class can impact your grade: Homework and classwork are due whether you are in class or not. Missed quizzes cannot be taken at a later time.
- You are responsible for any material missed if you are not in class.
- For the well-being of others, please do not attend class if you are sick. Remember that you do have access to video lectures and a place to submit work in JetNet in case of illness or emergency. I also encourage you to reach out to me via e-mail in this situation so we can work together to be sure you stay on track.
- As per college policy, I will be monitoring active participation in class. I define active participation as the submission of assigned work in the course (classwork, homework, quizzes, tests).
- If you fail to participate in the course for a period of one week or more, meaning you have not turned in any of the material due that week, you will be dropped from the class. If you have an emergency situation that prevents you from participating, be sure to notify me so that we can work out arrangements and you are not dropped from the class.

Important Dates: Be sure to check out the JCC Academic Calendar for important dates such as holidays with no classes, last day to withdraw, etc.

Extra Credit Policy: There will be no opportunities for extra credit. Your grade is based on your performance in class, not on extras. This is a mathematics department policy.

Incompletes Policy: (Excerpt from JCC Policy) "A student may request an incomplete from the instructor. The incomplete will be granted only if the student can provide documentation that his or her work up to that point is sufficient in quality, but lacking in quantity, due to circumstances beyond the student's control. Furthermore, a written plan for making up the missing work within one semester must be completed by the student. Final determination of whether an incomplete will be given is the instructor's decision."

Academic Honesty Policy: Items assigned to you as an individual must be done by you - reflecting your own thought processes, not that of someone else. Note that using student groups, tutors or web-based help systems (such as Chegg, etc.) to assist with/complete test problems IS considered cheating. If I suspect you of academic dishonesty, I will follow JCC's Academic Honesty Policy and take appropriate action up to and including assigning a failing grade for the paper, project, report, exam, or the course itself (whichever I deem necessary).

Classroom Behavior Policy: "We know what a person thinks not when he tells us what he thinks, but by his actions." - Issac B. Singer

1. Be Responsible: for your work, for your learning, for your behavior in class, etc.

You will need to stay on top of your schedule and your commitments to make sure that all coursework is done in a timely fashion.

2. Be Respectful: of other students, of the instructor, of the material, of yourself

Give your best effort. Remember that when you help someone else, you are learning material better yourself. Recognize that while grades matter, learning is actually more important than grades.

Academic Integrity: This is something we all need to take very seriously. It is easy to convince yourself that you are doing the work when you are actually simply relying on something that is supposedly helping you, but in reality is keeping you from learning. The biggest culprits in this are:

- Over-reliance on help features; the 'View an Example' feature in My Math Lab is a prime example. If you are going through and doing all your homework by clicking on the example for every problem before trying to figure it out yourself, you are not engaging your brain in the learning process and you won't be able to do the problems when test time rolls around. Use this a last resort, not as the first thing you try!
- Working together with other students: This is encouraged during the learning process, but remember that simply copying someone else's work rather than engaging in the productive struggle that is problem solving will not help you grow mathematically. Be sure you are contributing to group problem solving efforts.
- Online homework 'helpers' – which are really the opposite of helpful. If you have made use of various systems in the past (Chegg, WolframAlpha, etc.) this is the time to STOP. These do absolutely nothing to help you really practice and learn and are very harmful, because they become a crutch. When that crutch is removed during testing, it leads to test anxiety and poor test performance.
- One last note about online 'help' sources. Using any of these during a test is cheating. It is often quite obvious to me when a problem has been done by one of these homework help systems – I have seen them many times, and recognize them. Any student found to have used a help source on a test will be given a zero for the entire test (first offense) or a failing a grade for the course (second offense).

All of this is not to say that help isn't available to you during this course. It absolutely is! Read on....

Where to Get Help...

Office Hours: Attend my established office hours, or set up a separate appointment with me at your convenience.

Center for Student Success: The Center for Student Success has free tutoring available for students enrolled in Math 151. You can get help with worksheets, MyMathLab homework, preparing for exams and more. Find out about both in-person and online tutoring options at <https://www.jccmi.edu/center-for-student-success/tutoring-center/>

MyMathLab: All of your My Math Lab homework has help features included. There are also videos, extra problems, sample exams, lecture notes, PowerPoint lectures and more available in MyMathLab. It's a great resource – just use it wisely, as previously discussed!

Each Other: Get a regular study group. Write down names and numbers of your peers and call on each other when needed!

Remember, your attitude, self-management skills, and personal responsibility play a vital role in your success. A positive approach combined with a good work ethic will bring the greatest success. Be the creator of your own success! I look forward to working with you this semester.