

MATH 150 CALCULUS I

CLASS DETAILS



CLASS: MATH 150/Calculus and Analytic Geometry I

CLASS NUMBER: 1301

SESSION: 8 Weeks

UNITS: 5 (semester)

CLASS COMPONENTS: Lecture Required

DATES: 6/8/18-8/2/18

GRADING: ABCDF

COURSE DESCRIPTION

This course includes limits and continuity, differentiation of algebraic, trigonometric and exponential functions and their inverses, curve sketching, integration and the fundamental theorems of Calculus, and applications of differentiation and integration.

COURSE STUDENT LEARNING OUTCOME

For a given set of problems the student will demonstrate quantitative reasoning by developing a problem-solving strategy, performing appropriate analysis and computation, and critically assessing the meaning of the conclusion or outcome.



PREREQUISITE

MATH 126 and MATH 131, or MATH 130 and MATH 135, with a grade of “C” or better or qualification through the Math Competency Exam (MCE).

MEETING INFORMATION

LECTURES: Online ~ 10 Hours/Week

HOMEWORK (EXTRA CREDIT): [WebAssign](#)

QUIZZES: [WebAssign](#)

EXAMS: [Proctored on Campus](#)

DISCUSSIONS, REFLECTIONS, AND OTHER ASSIGNMENTS: Canvas

INSTRUCTOR INFORMATION



INSTRUCTOR: Shannon Myers

OFFICE LOCATION: Oceanside Campus in room T-538 (near the soccer field) and online via the ConferZoom tab in Canvas

OFFICE HOURS: By appointment

HOW TO CONTACT ME

PHONE:

760 –757–2121 x 6306 (office)

858-232-4728 (mobile)

SKYPE: mathchick_mc

EMAIL: smyers@miracosta.edu

PREFERRED METHODS: Mobile phone and email

REQUIRED MATERIALS

1. WebAssign (www.webassign.net) access code **miracosta 5865 8254** . Cost is approximately \$100 for a single term and \$125 for multi-term access to the online homework and ebook directly through WebAssign. The campus bookstore usually has it at a slightly marked up price.

2. Calculus I Guided Notebook

(http://mathchick.net/SWC/MATH%20150/m150_guided%20notebook_summer17.pdf) by Shannon Myers (it may still be listed under Shannon Gracey (available for purchase in the bookstore, or if you prefer to print it out you can...be patient...it is a large file.

3. A graphing calculator (TI-83/84). Not all exams permit graphing calculators. Cell phone calculators, smart watches, iPADs, and iPOD Touch may not be used on exams.

ACADEMIC ACCOMMODATIONS



Students with disabilities, whether physical, learning, or psychological, who believe that they may need accommodations in this class, are encouraged to contact Disabled Students Programs and Services as soon as possible to ensure that such accommodations are implemented in a timely manner.

ACADEMIC HONESTY

I fully support MiraCosta College's belief that academic honesty is a cornerstone of the educational community. To that end, I expect academic honesty from my students. Students who bring unauthorized material to a test/quiz or copy from someone else's test/quiz will receive a zero on the test/quiz.

ACADEMIC PROCTORING CENTER (APC)

All exams and the final exam must be taken at the Academic Proctoring Center. If the online appointments are past the date of your exam, you must call the APC to make an appointment.

HOMEWORK

Homework is available via [WebAssign](#). Each week on average you should set aside about **10**

HOMEWORK



hours to watch the assigned lecture videos and complete the corresponding sections of the guided notebook and 20 hours to do your optional problem sets, and to prepare for required online quizzes and on-campus proctored exams. Do NOT fall behind. It is very difficult to catch up.

Questions are an important part of the learning process. If you have a question, please feel free to ask at any time. I generally return emails sent via Canvas or to smyers@miracosta.edu within 2 business days. Business days are Monday through Friday, excluding holidays. If you do not receive a

response, please re-send the [email](#) or call or text me on my cell at

(858)232-4728. **Lack of response is not an excuse for missed exam, quiz, and discussion deadlines as you are responsible for checking CANVAS on a daily basis for ANNOUNCEMENTS!!!**

GRADING POLICY

Your grade will be determined by the percentage earned of all points possible. The following grading scale will be used to determine letter grades:

A: 90 – 100% of possible points, **B:** 80 – 89.9% of possible points, **C:** 70 -79.9% of possible points, **D:** 60 – 69.9% of possible points, **F:** below 60% of possible points

For example: If we end up with a total of 700 points, 630-700 points earns an A, 560-629 points earns a B, 490-559 points earns a C, 420-489 earns a D, and 419 points and below earns an F.

PASSING GRADE: You must earn at least a C in this course to progress to MATH 155/CALCULUS II

EXAMS: 300 points

Exams are proctored on campus, or at an approved site that may be set up using our Academic Proctoring Center. No notes are permitted and no formulas are provided. You may use a TI-83/84/85/86 graphing calculator on part 1 of Exam 2 and all of Exam 3 and the Final Exam.

EXAM 1 WINDOW: Friday, 6/22/18-Tuesday, 6/26/18

MATERIAL COVERED: 1.1-1.5, and 2.1 (no calculator)

EXAM 2 WINDOW: Friday, 7/6/18-Tuesday, 7/10/18

MATERIAL COVERED: 2.2-2.6, and 3.1-3.6 (no calculator on part 2 which covers curve sketching)

EXAM 3 WINDOW: Friday, 7/20/18-Tuesday, 7/24/18

MATERIAL COVERED: 3.7, 3.9, and 4.1-4.5

QUIZZES: 120 points

1. Quiz 0 is online via Canvas.
2. Quizzes 1 through 13 are online via WebAssign. Generally, you will have these quizzes due on Thursdays and Sundays. You have 5 attempts. **You may save answers without using a quiz submission.** Each quiz will take between 1.5 and 3 hours, depending upon your level of preparation. All attempts start the quiz completely over with new numbers and a new order. The quiz questions are shuffled as this will let you know how well you know the material. You must complete the quiz by 11:59 PM on the due date. There is no time limit set for the quizzes. Technology issues are not an excuse for incomplete quizzes as you have access to computers on campus. **You need to hold up your end of the bargain by planning ahead so that you can meet deadlines!**
3. No make-ups will be granted. Your lowest 2 quizzes in WebAssign will be dropped. Each quiz will be weighted as 10 points, for a total of 120 points.

DISCUSSIONS: 80 points

Discussions are very important in online classes because class community is not automatically developed as it is in a face-to-face class. I strive to make these discussions feel relevant to the class and the material covered. If you have any suggestions, please feel free to let me know! There will be 8 discussions. The initial post is due each Thursday by 11:59 PM, and the 2 responses to peers are due each Sunday by 11:59 PM.

REFLECTIONS: 40 points

It is very important to reflect on one's readiness for online learning, and on each exam. There will be 4 reflections with varying due dates throughout the class.

OTHER ASSIGNMENTS: 20-30 points

Most of these tasks are quick and happen during the first week.

FINAL EXAM: 125 points

FINAL EXAM WINDOW: Tuesday, 7/31/18-Thursday, 8/2/18

MATERIAL COVERED: 5.1-5.7, and 7.1-7.2

STUDENT SERVICES/SUMMER 2018

Math Learning Center: The MLC is open to all math students at MiraCosta. Services include drop-in tutoring, computerized tutorials, and homework help. Calculators, textbooks, and headphones are available for use in the MLC.

Oceanside Campus

Location: OC 1200

Phone number: 760.757.2121 x6381

Summer Hours: 6/11/18-8/3/18

Monday-Thursday: 9:00 AM-7:00 PM

Friday: 9:00 AM-3:00 PM

San Elijo Campus

Location: Library

Phone number: 760.757.2121 x7731

Summer Hours: 6/18/18-7/26/18

Monday-Thursday: 9:00 AM-7:00 PM

Friday: closed

Community Learning Center

Location: Library

Phone number: 760.757.2121 x8843

Summer Hours: 6/11/18-7/26/18

Monday-Thursday: 8:00 AM-1:00 PM

Friday: closed

Web page: <http://www.miracosta.edu/instruction/mathematics/mlc/index.html>

Nordson STEM Center: The STEM Center is located on the Oceanside campus and supports all students in STEM courses. The STEM Center offers free Drop-In Tutoring for many courses in biology, biotechnology, chemistry, physics, and physical science. The STEM Center also hosts Drop-In Counseling hours, group study rooms (reserve online), laptops, molecular models, and many textbooks for STEM Center usage. Many STEM Workshops are offered to help students succeed in their STEM courses and explore career/job opportunities in STEM related fields.

Location: OC 1200

Phone number: 760.757.2121, x6388

Summer hours: M-Th: 9am - 7pm; Fri: 9am - 3pm

Web page: <http://www.miracosta.edu/studentsservices/stem/index.html>

Online Services: These services are open to all MiraCosta students in any class!

Online tutoring: <http://miracosta.edu/instruction/tutoring/onlinetutoring.html>

Online writing center:

<https://appointment.miracosta.edu/WCOnline/eSARS.asp?WCI=Init&WCE=Settings>

24/7 online ask-a-librarian service: <https://libanswers.miracosta.edu/index.php?>

Disabled Students: If you have a disability, you are encouraged to contact Disabled Students Programs & Services at 795-6658. Their office is located in Building 3000, adjacent to Parking lot 3C. They will help you determine what assistance is available for you. Any student requiring special assistance due to a disability must discuss what is needed with me by the second week of semester (1st week during the summer).

Location: OC 3000 (adjacent to Parking Lot 3C)

Phone number: (760) 795-6658

Summer hours: M-Th: 9am - 7pm; Fri: 9am - 3pm

Web page: <http://www.miracosta.edu/studentsservices/dsps/index.html>

LGBTQIA Safe Space Program: MiraCosta College has an expressed commitment to equity and inclusion for students, faculty, and staff members who are lesbian, gay, bisexual, transgender, queer, questioning, intersex, and asexual. The district employs a Campus Liaison for LGBTQIA+ Needs, offers LGBTQIA Safe Space training, and has multiple student scholarships for members and active allies of the LGBTQIA+ community. For information about these and additional campus resources and services visit www.miracosta.edu/lgbt or contact the campus liaison for LGBTQI needs at 760-795-6460.

Veteran Services: The Veterans Education Office, located in Building 3300, provides assistance to veterans and dependents wishing to use their educational benefits at MiraCosta College.

Location: OC 3300

Phone number: 760.757.2121, x6285

Web page: <http://www.miracosta.edu/studentsservices/veteransservices/index.html>

The Veterans Information Center: The Veterans Information Center provides a place for students to find resources on VA educational benefits, MiraCosta Student Services, and community organizations that are dedicated to assisting veterans. The center also provides a place for students to relax, study, and meet with friends. The Veteran Peer Advisors are also available. Resources are available on a variety of issues, including employment, counseling, housing, and healthcare.

Location: T-100

Phone number: 760.757.2121, x6981

Web page: <http://www.miracosta.edu/studentsservices/veteransservices/index.html>

Counseling Services: The Counseling Center offers individualized academic, career, and personal counseling to assist both prospective and current students in developing their educational programs, coordinating their career and academic goals, and understanding graduation, major, certificate, and transfer requirements. Students can use online resources at <http://www.miracosta.cc.ca.us/studentsservices/counseling/index.html>.

Oceanside Campus

Location: Building 3700 (Parking lot 3C)

Phone: 760-795-6670

Fax: 760-795-6663

San Elijo Campus

Location: Administration Building

Phone: 760-634-7811

Fax: 760-634-7875

Wonderful, Free, Available Resources: There are many free resources available for you on campus to assist you with your education:

Food pantry: <http://catalog.miracosta.edu/studentssupportservices/foodpantry/>

Health Services: <http://www.miracosta.edu/studentsservices/healthservices/index.html>

Textbook loan program:

<http://www.miracosta.edu/studentsservices/eops/texbookprogram.html>

Wonderful, Supportive Clubs and/or Organizations: Joining a club or organization is a fun and instrumental part of your college education. Here are some of the clubs and organizations to check out:

Puente: <http://www.miracosta.edu/studentsservices/Puente/index.html>

Umoja: <http://www.miracosta.edu/studentsservices/eops/umoja.html>

RAFFY (Former Foster Youth):

<http://www.miracosta.edu/studentsservices/eops/raffy.html>

All clubs: <http://www.miracosta.edu/studentsservices/studentclubs/>