

MATH 1C: Calculus 3

Section 7220: TTH 5:00pm-7:00pm, Shuhaw 1731

Santa Rosa Junior College, Spring 2018

Instructor: Greg Morre, PhD Mathematics, UNM	Office: Shuhaw Hall, 1726
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Office Hours: MW 10:00-10:30, 1:30-2:00, TTH 11:30-12:00, 2:30-3:00, 7:00-7:30	Website: https://canvas.santarosa.edu/

Overview: Multivariable calculus including partial differentiation and multiple integration, vector analysis including vector fields, line integrals, surface integrals, and the theorems of Green, Gauss and Stokes. Exploration of specific topics using Mathematica.

Pace of Class: This is a 4 unit course. This means you need to have at least 8 to 12 hours outside of class to devote to homework and study for this course.

Canvas: Internet access is important. Information regarding the reading, homework, projects, the schedule and more will be posted on Canvas.

Prerequisite: Completion of MATH 1B.

Textbook (required): CALCULUS Early Transcendentals (2nd edition) by Briggs, Cochran and Gillett (MyMathLab Access Code is **not required**).

Calculator: No calculators will be allowed on any of the tests or quizzes. Graphing calculators may be a useful tool for homework. However, no calculator is required.

Grade: The grade for this course is based upon the following categories with the weight of each category given as a percent:

Homework (15%): Follow the **homework guidelines** which can be found on Canvas. Most weeks, assignments will be due on Tuesday at the beginning of class. Assignments must be handed in no later than 48 hours after the assignment is due. Homework assignments will not be accepted after this.

Mathematica Projects (15%): Guidelines for the mathematica projects can be found on Canvas. Mathematica is a computer algebra system which is available in the Computer and Mathematics Lab, Shuhaw 1735. There will be 3 – 4 such assignments.

Quizzes (10%): There will be approximately 6 quizzes throughout the semester. Some of these will be in-class (each 20 points) and some will be take-home (each 10 points). Take-home quizzes will be due at the beginning of the next class. There are no make-up quizzes.

Exams (45%): There will be three exams. One following each chapter. There are no make-up exams.

Final Exam (15%): The final exam is on Tuesday, May 22 from 4:00pm-6:45pm. It is cumulative.

The grading scheme (using interval notation) is as follows:

A: [90%, 100%], B: [80%, 90%), C: [70%, 80%), D: [60%, 70%), F: [0%, 60%)

Unforeseen Absences: Students may end up miss handing in homework, quizzes and even exams due to unforeseen circumstances such as illnesses, bereavement, car problems etc. Since there are no make-up quizzes or exams for each student

- the 3 lowest homework scores will be dropped,
- the lowest quiz score will be dropped, and
- the lower of the final exam percentage or homework percentage will replace the lowest exam score if this improves the student's grade.

Reading: Check the schedule and read each section before we cover it in class.

Attendance: It is very important that you attend and are on time for **every** class. However, if you do miss a class you are responsible for all announcements and material covered in your absence. Students who have missed over 10% of class time or miss an exam may be dropped from the course.

Communication: Please check Canvas for the updated schedule and announcements before each class. If I need to contact any individual student it will be via email. It is your responsibility to check your email.

Cell phones and other electronic devices: Cell phones must be **turned off** at the beginning of class, put away and remain so for the duration of class. Students who do not comply will be asked to leave for the remainder of that class! On some occasions students may be allowed to use a phone to photograph the board. Laptops, headphones, and other electronic devices are not to be used during class. Tablets may be allowed for legitimate note-taking.

Important Note: Notes of any kind, 3x5 cards, books, cell phones, computers, headphones etc. are not allowed on any tests, including the Final Exam.

Drops: If a student wishes to drop the course it is the students responsibility to do so. A students who stops attending will not necessarily be dropped from the course.

Class Conduct: You are expected to act in a mature and courteous manner toward me and your classmates. Students are expected to conduct themselves in a manner which reflects their awareness of common standards of decency and the rights of others. Interference with the Districts mission, objectives, or community life shall be cause for disciplinary action. Please refer to <https://student-conduct.santarosa.edu/code-conduct-0> for more information.

Academic Integrity: Cheating on exams and quizzes will not be tolerated! For more information, please see the link <https://rightsresponsibilities.santarosa.edu/academic-integrity>.

Students with Disabilities: If you need disability related accommodations for this class, such as a notetaker, test-taking services, special furniture, etc., please provide the Authorization for Academic Accommodations (AAA letter) from the Disability Resources Department (DRD) to the instructor as soon as possible. You may also speak with the instructor privately during office hours about your accommodations. If you have not received authorization from DRD, it is recommended that you contact them directly. DRD is located in Bertolini Student Center on the Santa Rosa Campus, and Jacobs Hall on the Petaluma Campus.

A Word of Advice: If you are struggling with the material, please please please come and see me! If my office hours do not fit your schedule you can make an appointment. Also, there is plenty of **free extra help** available on campus.

Extra Help Resources: Aside from my office hours, you have the following available to you:

- **Computer and Mathematics Lab** in Shuhaw Hall, room 1733 and 1735.
- **Santa Rosa Campus's Tutorial Center** on the first floor of library
- **Petaluma Campus's Tutorial Center** in Kathleen Doyle Hall, 2nd Floor, Rm 247.

Furthermore, for any student who has declared a Calculus based Science Major, you can join MESA, located in Bertolini. They have tutoring services and so much more!

Library Reserve Desk: Copies of the text are available at the Doyle Library at the reserve desk. The call number is QA303.2 B75 2015 PersCopy All Instructors.

Registration, Drop, and Grade Change Deadlines: I will adhere to ALL registration deadlines published by SRJC. For full term classes in the Spring 2018 term the deadlines are:

- January 28: Last day to drop semester length class and be eligible for a refund
- February 4: Last day to register/add with the instructors signature or add code
- February 4: Last day to drop a class without 'W' symbol
- April 22: Last day to drop a class with 'W' symbol

For the full SRJC Academic Calendar, visit the link <https://admissions.santarosa.edu/academic-calendar/>.

Syllabus Changes: I reserve the right to change the syllabus at any point of time during the semester! However, I will make every effort to make as few changes as possible.

★ **program:** There will be various opportunities throughout the semester for students to earn ★'s. For each three ★'s one additional lowest quiz score will be dropped at the end of the semester.