

Course Syllabus
Math 16 Business Calc, Fall 2024

Section #0342
MW 3:00-5:00PM in Lindley 211

Instructor Information

Instructor: Cortney Schultz
Email: cschultz@santarosa.edu

Office location: Kunde Hall 219
Phone: (707) 527-4705

Office Hours: All office hours are in person.

Monday: 2-3PM (Kunde 219)

Wednesday: 6-7PM (Kunde 219)

Tuesday & Thursday: 2-3PM (Kunde 219) and 8-8:30PM (Lindley 204)

You may schedule an appointment if you have a schedule conflict with the times listed above

Email Expectations: The best way to contact Prof. Schultz is by email cschultz@santarosa.edu or by sending a message through Canvas. During the week, you can expect an email response within 24 hours. You may get a response sooner, but there is no guarantee. If you email Prof. Schultz during the weekend, you can expect a response on Monday.

Math 16 Course Description: Students will study calculus concepts and techniques. Emphasis will be placed on the application of these concepts and techniques to business and management related problems. The applications of derivatives and integrals of functions including polynomials, rational, exponential, and logarithmic functions are studied.

Prerequisite: Completion of MATH 154 or MATH 156 or AB705 placement into [Math Tier 2 or higher](#). Students placing into tier 1 are required to take Math 200 concurrently with this course. Students placing into tier 2 are recommended to take Math 200 concurrently with this course.

Student Learning Outcomes: Here is the [link](#) for Math 16 course outline at SRJC. At the conclusion of this course, the student should be able to:

1. Perform methods of differentiation on algebraic, exponential, and logarithmic functions.
2. Perform techniques of integration, including substitution, on algebraic and exponential functions.
3. Apply calculus to find area between curves and to solve applied problems, with emphasis in the fields of business and economics.

Required Course Materials

Calculator: A graphing calculator is required for this course without a CAS system. I will be demonstrating on a TI 84+. You are not allowed to use computer calculators on exams.

Textbook: *Calculus and its Applications, Brief Version*, 15th edition, by Goldstein, Lay, Schneider, Asmar

MyMathLab Online Homework: Homework will be completed and submitted [online](#). To access the online homework, you must purchase an access code. MyMathLab online homework allows students 2 weeks of free access before asking them to purchase the access code.

To access our course online homework, use the "MyLab and Mastering" menu option on our Canvas course page.

| | | | |
|----------------|---------------------------------|------------|------------------|
| Grading | Quizzes | 10% | $A \geq 90$ |
| | Homework | 12% | $80 \leq B < 90$ |
| | Exams (3 @ 20% each) | 60% | $70 \leq C < 80$ |
| | <u>Comprehensive Final Exam</u> | <u>18%</u> | $60 \leq D < 70$ |
| | | 100% | $F < 60$ |

Exams

Three midterm exams and a comprehensive final exam will be given during the semester, and all exams must be taken on the scheduled dates.

If you have a DRD accommodation, it is your responsibility to discuss and schedule your exam accommodations with Prof. Schultz at least 1 week in advance.

If you miss an exam, you must contact me within 24 hours. If the absence is excused, your final exam score will replace your missed midterm score. Make-up exams are not given. If you are absent due to an illness, you are required to provide Prof. Schultz with a doctor's note.

Quizzes

Group quizzes and individual in-class quizzes will be given throughout the semester. You may submit group quizzes in person or on Canvas. For group quizzes, one submission for each group will be graded and everyone in that group will receive the same score – make sure to go over your solutions with your group members before turning in your quizzes. Group quizzes will be due on select **Thursdays** by 11:59PM.

There are no makeups for in-class quizzes or group quizzes. Two lowest quiz scores will be dropped at the end of the semester.

Homework Grading/Late Homework

Select homework sections will be due twice a week on **Mondays** and **Thursdays** by 11:59PM.

You have 5 *attempts* at answering a homework question. If the first 2 attempts are incorrect, SEEK HELP.

If homework is not completed by the due date and time, you may complete the remaining problems for half-credit up until the date of the upcoming exam.

Attendance

Attendance is crucial to your success in this course. You may be dropped from the course if you have more than 4 absences. Arriving late or leaving class early may count as an absence.

Class Behavior Rules

- ❖ Students are to act respectfully and pay attention while in class.
- ❖ Please arrive on time and stay for the entire class period.
- ❖ Cell phones are to be turned off or set to silent mode.
- ❖ Students are expected to read the textbook.
- ❖ Students are expected to ask questions.
- ❖ Students are expected to be active participants in their education and do their best every day.

Important Academic Calendar Dates

- Monday, August 19th Fall semester begins
- Sunday, September 1st Last day to drop a class and receive a refund
- Sunday, September 8th Last day to drop a class without a “W” symbol
- **Sunday, November 17th Last day to drop a class with a “W” symbol**
- **FINAL EXAM: Tuesday, December 17th (1:00 – 3:45PM)**

Cheating/Plagiarism

Please read SRJC's policy/procedure on academic integrity at

<http://www.boarddocs.com/ca/santarosa/Board.nsf/goto?open&id=A63TMC78051C>

All quizzes & exams (including the final) must be done by the student alone. Any student who violates this rule will receive a zero and may be reported to academic affairs for their offense. A student who commits a second offense may receive a failing grade in the class.

Accommodations for Disabilities

Please provide the Authorization for Academic Accommodations (AAA letter) from the Disability Resources Department (DRD) to me as soon as possible. You may also speak with me privately during office hours about your accommodations.

Emergency Evacuation

In the event of an emergency during class that requires evacuation of the building, please leave the class immediately and calmly. If you are a student who may need assistance in an evacuation, please see me as soon as possible to discuss an evacuation plan.

Tutoring

Free tutoring is available to all registered SRJC students.

- **SRJC Tutorial Centers** can be accessed through the website: <https://college-skills.santarosa.edu/srjc-tutorial-centers>
- **Math Lab Tutorial Center:** <https://mathematics.santarosa.edu/online-math-lab-tutoring>