

Calculus 1

MATH 30 – Spring 2018

👤 Dr. Joshua Wiscons
📍 Brighton (BRH) 144
🗨️ MW 12:00PM–1:00PM; F 11AM–12PM
And also **by appointment**
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📄 webpages.csus.edu/wiscons/teaching/

Get Connected	Resources
Visit Me [Brighton 144]	Me & Your Classmates
Visit the Math Lab [Brighton 118]	<i>Stressed?</i> Counseling [WELL 2 nd Floor]
Explorer Our Community! Don't know where to start? Check out our Multi-Cultural Center	<i>Food?</i> CSUS Pantry [Yosemite 163]
	<i>Could benefit from accommodations?</i> Talk with me or visit the SSWD office [Lassen 1008]

⚙️ **Course Goals** The overarching goals of this course are to (1) increase the students' capacity for fact-based reasoning, (2) develop the necessary competency with the concepts and mechanics of Calculus 1 for further study in mathematics and other fields, (3) improve the students' written and oral communication of mathematics, and (4) develop the skills and mindset for solving problems in a team.

✔️ **Prerequisites** You must bring proof of readiness for Math 30—as determined by a *proctored* ALEKS PPL Placement Assessment or the CR Exam—**by the first Thursday of classes**; any student who fails to do so will be dropped. For more information and to schedule your assessment, please visit

nsm-assessment-test.nsm.csus.edu/DIAG/home.php?d=diag&f=aleks.php

📖 **Book + WebAssign** *Calculus: Early Transcendentals*, Eighth Edition; by James Stewart. You will also need to purchase a [WebAssign](#) access card. I recommend purchasing the looseleaf version of the book together with WebAssign access here: services.cengagebrain.com/course/site.html?id=2450427 for \$110. WebAssign also provides an online electronic version of the book while you are enrolled in the course.

🗣️ **Class Etiquette** Diversity and individual differences are respected, appreciated, and recognized as a source of strength. Students in this class are encouraged and expected to *speak up* and participate during class and to *step back* and include others in the conversation. Every member of this class must show respect for every other member of this class. Attitudes or actions destructive to the sense of community that we strive to create are not welcome and will not be tolerated.

Students are also expected to minimize distracting behaviors. Every attempt should be made to arrive to class on time. If you must arrive late or leave early, please do not disrupt class. Please mute your cell phone. Everyone is expected to be paying attention and engaging in class discussions. If your cell phone (or other device) is interfering with this, I will ask you to put it away.

Course Components

Worksheets. Most days you will work in a group to complete a series problems. Each group will be responsible for writing up a single final draft of their solutions, collected at the beginning of the next class. Your team's work must be written clearly, must include all supporting work, and must be professional in appearance. In general, all members of the team will receive the same grade.

WebAssign Homework. There will be [WebAssignments](#) *usually* due **Wednesday** and **Saturday** evenings. You will typically have 5 attempts per problem. The main goal of these problems is to build your comfort and confidence with the core techniques of the course. You are *allowed and encouraged* to work together, but you are expected to **enter your solutions on your own**.

Participation. This component measures your level of engagement with your group and in class-wide discussions. *Repeated absences will impact this portion of your grade.*

Exams. There are 3 midterm exams *tentatively* scheduled for Feb. 16, Mar. 16, and Apr. 20. There is also a Final Exam scheduled for Wednesday, May 16 from 8:00AM–10:00AM.

Grade Composition

Worksheets	12.5%	
WebAssign Homework	12.5%	(the lowest 2 scores will be dropped)
In-Class Participation	10%	
Midterm Exams	45%	(lowest score: 12%, middle score: 15%, highest score: 18%)
Final Exam	20%	

In general, letter-grade cutoffs will be standard: A 100-90%, B 89–80%, C 79–70%, D 69–60%, F 59–0%.

WebAssign We will use the online homework system, [WebAssign](#). No special software is needed, just an internet connection and browser. You need to self enroll in WebAssign. I have included directions below, which will be repeated on the [course webpage](#).

1. Go to www.webassign.net/login.html
2. Click on the button that says
3. Enter the key for our class: **csus 6355 1297**
4. Create an account. I recommend using your Sac State username, which is usually everything that comes before the @ symbol in your Sac State email address.

You will have **free trial access for the first two weeks** of the semester, which *includes access to an electronic version of the book*. After that date you will be required to purchase an access code (which should come bundled with the text if you bought it through the department's webpage).

Technology The emphasis of this course is on conceptual understanding. The use of calculators is not permitted on midterm exams or on the final exam. Feel free to use calculators and/or computer software programs on the homework assignments, but keep in mind that you cannot use them on exams. (I am a big fan of [Desmos](#) for graphing and [WolframAlpha](#) for other computations.)

Peer Assisted Learning (PAL) Sessions There are optional adjunct sections (NSM 12E, Peer-Assisted Learning MATH 30) that students can take concurrently with Math 30. These are offered several times per week ([see class schedule](#).) NSM 12E is a one-unit course, graded Credit/No Credit, which is facilitated by undergraduate students (PAL leaders) who have successfully mastered the material in Math 30. In these PAL sections, Math 30 students will work in small groups on worksheets dealing with the course topics.

Even if you do not enroll in NSM 12E, you may still go to the PAL leader office hours for help, which are held in Sequoia (SQU) 248. Times of office hours will be posted outside the door of SQU 248.

General Education GE Area: B4 (Mathematical Concepts and Quantitative Reasoning)

Learning Outcomes Solve problems by thinking logically, making conjectures, and construction valid mathematical arguments. Make valid inferences from numerical, graphical, and symbolic information. Apply mathematical reasoning to abstract and applied problems, and to scientific and non-scientific problems.

Writing Component The course will have a writing component, evaluated for clarity and style and aimed at improving the students' ability to write logically precise, well-structured, and well-justified mathematics.

Disabilities Any student needing academic adjustments or accommodations should speak with me privately during the first two weeks of classes. Please provide me with a copy of your accommodation letter from the [Services to Students with Disabilities \(SSWD\) office](#). All discussions will remain confidential.

Cheating Cheating will result in disciplinary action and will be reported to the [Office of Student Conduct](#). If you are unsure what constitutes cheating, please speak with me and review Sacramento State's *Academic Honesty Policy and Procedures* document here: www.csus.edu/umannual/student/stu-0100.htm.