MATH-12-02Z   Syllabus   Fall 2020

Meets:	Tue/Thu 6:30PM-8:45PM.
Instructor:	Prof. Vadim von Brzeski. Call me "Prof. V" 😊 Email: [vonbrzeskivadim@fhda.edu.](mailto:vonbrzeskivadim@fhda.edu) Email is my preferred method of contact – **you can email me anytime** – I will usually respond in a few hours, but definitely within 24 hrs.
Office Hours:	Mondays 5pm-6pm (via Zoom), or by appointment.
Course description:	Introduction to limits, differentiation, and integration of single variable functions. Applications in business, economics, and social science.
Pre-requisites:	MATH 11 or MATH 41. **Proficiency with algebra**.

Materials: **REQUIRED:**

1) **BOOK:** *Applied Calculus: For Business, Economics, and the Social and Life Sciences*, **11th Expanded Edition**, by Laurence Hoffmann (Author), etc. **ISBN-10: 0073532371.   ISBN-13: 978-0073532370.** MyMathLab access **not** required.
2) Notebook with **grid paper**.
3) Digital camera or camera phone, i.e. some way of taking digital photos.
4) Email account and access.
5) Zoom account and access.

Method of Instruction

All classes will be **ONLINE** via **Zoom in a live format**. You are expected to attend each session, but attendance will not be mandatory nor checked (except during the first week).

A Zoom link for each session will be **posted in Canvas** in the **Syllabus tab.** Each 2hr 15min session will be organized as follows:

- 30-40 min of live video lecture
- 20-30 min of live hands-on problem solving and guided practice.
- 15-minute break
- 30-40 min of live video lecture
- 20-30 min of live hands-on problem solving, or a Quiz (if it is a quiz day)

Course Syllabus

Jump to Today   ✎ Edit

The syllabus page shows a table-oriented view of the course schedule, and the basics of course grading. You can add any other comments, notes, or thoughts you have about the course structure, course policies or anything else.

To add some comments, click the "Edit" link at the top.

Course Summary:

Date	Details	
Tue Sep 22, 2020	📅 Zoom Class: MATH D012 Intro Calc For Bus And Soc Sci 02Z	6:30pm to 9pm

Each Zoom **lecture portion** will be recorded. The guided hands-on practice sessions will **not be recorded;** it will be important for you to attend and actively participate in the guided practice sessions.

Asking questions: During the lecture portion of the class, you all will be muted (by me). If you have a question, please note it down.   I will stop every ~ 15 min or so and un-mute all of you and see if there are any questions.

If things go wrong: It may happen that something goes wrong during the live Zoom video lecture. Do not panic.   I will do my best to fix things, but if I cannot, and class must be cancelled or delayed, I **will email all of you what we will ASAP.**

Online Resources   If you need help with online resources (Zoom, Canvas, etc.), please visit the Student Online Resource Hub at:
https://www.deanza.edu/online-ed/students/remotelearning.html

Homework: There will be 10 homework assignments, but they **will not be collected nor graded**. They will be posted in Canvas.   They will be problems **from the textbook** I consider important to understand. Similar problems will appear on quizzes and exams.

Exams: **QUIZZES**: There will be 5 **quizzes**. Quiz dates are shown in the **Calendar published in Canvas → Modules – Week 1**. Each quiz will be administered via Canvas.
- A quiz will become **active at 8:45PM on the day of the quiz** and will **close 24 hours later** (i.e. 8:45PM on the following day). **Once it closes, you will not be able to submit your work.**
- Once you start a quiz, you will have exactly **45 minutes to complete the quiz, take pics, and upload any files**. NOTE: once you start a quiz, the clock starts running and cannot be stopped, so plan accordingly.
- **Take clear and focused pictures** – if I can't read it, you won't get credit.
- Each quiz **will cover new material since the previous quiz**, but not including the material covered on the day of the quiz.
- Each quiz will be worth 20 points.
- **No late quizzes will be accepted, and no make-up quizzes will be given**.

MIDTERMS: There will be **2 midterm exams**. The **midterms dates are shown in the Calendar posted in Canvas → Modules – Week 1.** Midterms will also be administered via Canvas, but slightly differently than quizzes.
- Each midterm **will become active at 6:35PM** on the day of the midterm and **will close at 8:15PM** on the same day.
- I will **post the midterm as a PDF file** in a "Quiz" and share the link via Canvas.
- Answer the midterm in **your own handwriting**, on **notebook paper, showing all work** where required. You do not need to print the midterm PDF out.
- You will have **exactly 100 minutes** to complete the midterm, take photos of your notebook paper, and upload any files.
- **Take clear and focused pictures** – if I can't read it, you won't get credit.
- Each midterm will be worth 100 points.
- No late midterms will be accepted, and no makeup midterms will be given.
- **MISSED MIDTERMS:** If you miss or skip a midterm(s), your score on the final exam, **minus a 10% penalty**, will replace your score on **one and only one** missed midterm.   If you miss 2 midterms, one of them will get a score of 0. For example, if you score 85% on the final, **one** skipped midterm will get a score of 75%.

FINAL: The **Final Exam** will be on **Thursday from 6:15 PM to 8:15 PM.**   The bulk of the final exam will focus on the material covered since midterm 2, but there may be a few basic questions from the earlier material.

	Quantity	Points Each	Total Points	%
Quizzes	5	20	100	20%
Midterms	2	100	200	40%
Final	1	200	200	40%
TOTAL			500	100%

Grading Breakdown: (table above)

Grading Scale: Your grade in the class will be determined by the total number of points you earn on quizzes, midterms, and the final. **There will be no "rounding up" – don't ask**.

If total points….		… then grade:
>=	485	A+
>=	465	A
>=	450	A-
>=	435	B+
>=	415	B
>=	400	B-
>=	385	C+
>=	350	C
>=	300	D
<	300	F

Expectations of Students:

1. **Academic dishonesty will not be tolerated**. If a student is found cheating on an exam or a homework item, or violating other codes of academic integrity, he or she will receive a 0 score for the item in question. Repeated instances of cheating may lead to failing the course and further action. See the section on Academic Integrity in your current schedule of classes.
2. **Attendance**: A student who stops coming to class and does not drop the class will get the grade that their work earns. **It is the student's responsibility to drop the class.** You are *expected* to attend all classes.
3. **Showing your work**:
   a. You need to **show your work on quizzes and exams** in order to get full credit.
   b. Your work needs to be **legible** – if I can't decipher your handwriting or **your picture is not focused**, you will lose points. Neatness will also help correctness.
4. **Class conduct**: Any student who is disruptive may be asked to leave the Zoom session. A student who continue to be disruptive and refuses to leave the Zoom session may be dropped from the class and reported for further action.

Important Registrar Dates:

LAST DAY TO ADD: **Oct 3**
LAST DAY TO **DROP** (full refund and no record of grade): **Oct 4**
LAST DAY TO REQUEST PASS/NO-PASS: **Oct 16**
LAST DAY TO DROP WITH A "W": **Nov 13**

Students with Disabilities:

For information or questions about eligibility, support services or accommodations to disability (physical or learning disability) see the contacts below:
- Disability Support Services (DSS): Student Services Building (408)864-8753
- Educational Diagnostic Center (EDC): Learning Center West 110; (408)864-8839. Special Education Division: (408)864-8407; https://www.deanza.edu/dsps/

Student Learning Outcome(s):

*Use correct notation and mathematical precision in the evaluation and interpretation of derivatives and integrals.

*Evaluate, solve, interpret and communicate business and social science applications using appropriate differentiation and integration methodologies.