

## MAC 2313 (Online) Spring 2020 SYLLABUS Analytic Geometry and Calculus 3

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online office hours	MW 4:30-5:30 PM	

**CATALOG DESCRIPTION:** Solid analytic geometry, vectors, partial derivatives, and multiple integrals.

**MAC 2313** is a 4-credit Math course designed to serve majors in Mathematics, sciences, and Engineering. The course is delivered entirely online. Course Content: Vectors and Geometry of Space, Vector Functions, Partial Derivatives, Multiple Integrals, and Vector Fields. Students view lectures on-line. They complete homework using publishers' software WebAssign, and take lecture quizzes on Canvas. Four mid-term exams and optional Final will be given on Canvas and administered through ProctorU. The course is managed through ELearning (Canvas).

**PREREQUISITES:** MAC 2312 with a minimum grade of a C

The course is divided into 4 units:

- Unit 1 L01 – L08 Vector Calculus
- Unit 2 L09 – L15 Multivariable Functions
- Unit 3 L16 – L22 Multiple Integrals
- Unit 4 L23 – L30 Vector & Scalar Fields

FINAL EXAM: L23 – L30 is on Saturday, April 24

**TEXTBOOK & ACCESS CODE:** 1) We use the following textbook in this course: Calculus: Early Transcendentals, 8th edition, James Stewart, (note: an e-version of the book is included in the purchase of online homework)\* During the course of the semester we will cover material from chapters 12, 13, 14, 15, and 16. 2) Access code to WebAssign is required in the course. Please note, access codes obtained through authorizing charges to your student financials account are provided at a discounted price. You must authorize charges on or before 0x/0x/2020 . If you do not wish to authorize charges to your student financials account you may purchase an access code or materials at the UF Bookstore (<https://www.bkstr.com/floridastore>) or direct from the publisher if available.\*\* \* Registration with WebAssign gives you an access to an e-book. If you wish to purchase a print text, you may also purchase those at the bookstore when available. \*\*Please see START HERE Module on Canvas for complete information on purchasing an access code to WebAssign by authorizing charges to your student financials account through the UF All Access program.

**LECTURE NOTES:** Lecture note shells make the note taking easier. They can be printed out from Canvas at <https://lss.at.ufl.edu/> (notes are located in the corresponding Lecture) or purchased at Target Copy (1412 W University Ave, Gainesville, FL 32603). Please note: the lecture notes at Target Copy for our course are named as "MAC 2313 Online".

**Tentative Schedule** (subject to possible revision)

Mon	Tues	Wed	Thur	Fri	Sat
Jan6	7	8	9	10	11
		L1, LQ1		L2, LQ2	
13	14	15	16	17	18
L3, LQ3	Q1	L4, LQ4		L5, LQ5	
20	21	22	23	24	25
Holiday	Q2	L6, LQ6		L7, LQ7	
27	28	29	30	31	1
L8, LQ8	Q3	Review, PE1, DB1	Exam1 (L1-8)	L9, LQ9	
Feb3	4	5	6	7	8
L10, LQ10		L11, LQ11	Q4	L12, LQ12	
10	11	12	13	14	15
L13, LQ13	Q5	L14, LQ14		L15, LQ15, Q6	
17	18	19	20	21	22
Review, PE2, DB2	Exam2 (L9-15)	L16, LQ16		L17, LQ17	
24	25	26	27	28	29
L18, LQ18		L19, LQ19	Q7	L20, LQ20	
Mar2	3	4	5	6	7
holiday	holiday	holiday	holiday	holiday	
9	10	11	12	13	14
L21C, LQ21C		L21S, LQ21s		L22, LQ22	
16	17	18	19	20	21
Q8	Review	PE3, DB3	Exam3(L16-22)		
23	24	25	26	27	28
	L23, LQ23	Q9	L24, LQ24		
30	31	Apr1	2	3	4
	L25, LQ25	Q10	L26, LQ26		
6	7	8	9	10	11
	L27, LQ27	Q11	L28, LQ28		
13	14	15	16	17	18
Exam 1-3 Makeup day	L29, LQ29		L30, LQ30	Q12	
20	21	22	23	24	25
	Review	PE4	Reading	Reading, DB4	Exam4(L23-30)

blue: L# WebAssign homework due date

black:LQ# canvas lecture question due date

red: canvas exam date, schedule a 2-hour block with ProctorU

violet: canvas quiz due date

teal: canvas discussion board due date, discussion boards close at 10pm

brown: canvas practice exam PE# due date

**LECTURES & DUE DATES:** It is advisable to complete each Lecture on the date indicated in the Calendar, so that you will stay on track and avoid having too many Lectures to complete by the due date. Each lecture has a corresponding online Homework on WebAssign. A WebAssign homework becomes available at least one week prior to the due date and will be closed on the Due Date at 11:59 pm ET.

**CANVAS LECTURE QUESTIONS:** There will be 31 sets of lecture questions given on the material of the lectures. They are quizzes to be taken on or before the dates indicated in the Course Calendar. They are untimed, open book and open notes. There are 3 attempts. Quizzes are not group projects and students are expected to work individually on these assignments. The due dates for the quizzes are given in the course calendar and on Canvas. The two lowest lecture question grades will be dropped at the end of the term.

**CANVAS QUIZZES:** There will be 12 Canvas quizzes, most covering multiple lectures. The quizzes must be taken on or before the dates indicated in the Course Quizzes are not group projects and students are expected to work individually on these assignments. There are 2 attempts. The due dates for the quizzes are given in the course calendar and on Canvas. The two lowest quiz grades will be dropped at the end of the term.

**WEBASSIGN ONLINE HOMEWORK:** Homework will be assigned through WebAssign. The information about purchasing an access code to WebAssign can be found under the Start Here module. During the course of the semester, online homework will be assigned for each lecture and must be completed before the deadline indicated in the Calendar. There will be total of 31 assignments offered and the 2 lowest scores will be dropped.

**MAKEUP POLICY ON HOMEWORK AND QUIZZES:** If you miss three due dates for homework or quizzes, per assignment category due to legitimate and documented reasons (which include: being sick, being away on UF business, family emergency, court-ordered appointments, etc.) you must contact the instructor and present valid documentation for all three missed assignments in each category. Since the two lowest scores are dropped, upon receipt of valid documentation, you will be granted ONE extension. There will be no extension given on an assignment without appropriate documentation.

**EXAMS:** There will be four Unit exams during the term. An exam has to be taken on the date indicated in the calendar. All exams are administered through ProctorU. Information about ProctorU can be found in Start Here module on Canvas. Students have 120 minutes to complete each exam and have access to only pencils, erasers, and scratch paper while the exam is in progress. Students should not bring notes, texts, calculators, or personal electronic devices to the test.

**REVIEW FOR EXAMS:** There are Review Modules for the Unit Exams in Canvas. The unit exams taken during the semester can be used as Study Guide for the Final.

**PRACTICE EXAMS:** There is a practice exam for the Unit Exams. Each has one attempt only, although they are untimed. The lowest score is dropped. There are no extensions on practice exams for any reason.

**DISCUSSION BOARD PARTICIPATION:** Students will ask at least one question for one point and answer at least one question for one point for each exam unit on the discussion board. Points are capped at

two per exam unit. Discussion boards close at 10PM the night before exams. There are no extensions on discussion board points for any reason.

**MAKEUP POLICY ON EXAMS:** If you are missing a Unit Exam due to legitimate documented circumstances (which include: being sick, being away on UF business, family emergency, etc.), you can schedule a makeup. All makeup exams are scheduled for Monday, April 13. Please contact your instructor and provide the documentation at least a week prior to the test or immediately afterwards if you were sick. Late excuse documentation will not be accepted. Missing any exam without appropriate documentation and making it up at a later date will result in a deduction of ten percent.

**TEXTBOOK HOMEWORK:** A list of recommended Practice Textbook Homework problems is located in each corresponding Module on Canvas. These problems are not collected for credit.

**TEXTBOOK READINGS:** Reading the textbook is a part of learning process. Students should read the corresponding sections of the textbook before or after each lecture. References to the pages of the textbook that match the content of lectures are located in the corresponding Modules on Canvas.

**IMPORTANT NOTE:** Homework, exams, and quizzes will not be reviewed, offered, and/or re-graded at the end of the term. We will not accept any late excuse documentation. You have to present to your Instructor with appropriate documentation before you miss a due date for an Assignment or immediately upon returning if you were away due to illness/emergency to be eligible for a makeup. You can discuss a Unit Exam, quiz, or homework within one week and the Final exam via private conferences – within 2 days with your Instructor if there is a grading error or any other problem. If you make an appointment for a private conference review and fail to attend, there will be a five percent deduction on your exam.

**CALCULATOR POLICY:** Calculators may be useful for some homework problems but are not required in the course and not allowed on the exams.

**ADDITIONAL TOPICS:** Since this is an online course, it is essential students maintain the scheduled objectives and the due dates in the course calendar in order to perform well in the class. Academic dishonesty in any form will not be tolerated and will be treated in accordance with the policies of the University of Florida.

**SPECIAL ACCOMODATIONS:** Students with disabilities who experience learning barriers and would like to request academic accommodations should connect with the disability Resource Center by visiting [disability.ufl.edu/students/get-started](http://disability.ufl.edu/students/get-started)

**COURSE GRADE:** The course grade is assigned based on the student's performance on the following weighted categories:

31 WebAssign homework sets (lowest 2 scores are dropped) 12 %

31 Canvas Lecture Questions (lowest 2 scores are dropped) 8%

12 Canvas Quizzes (lowest 1 score is dropped) 12%

4 Exams 65 %

4 Practice Exams 3% (lowest 1 score is dropped)

4 Discussion Board participation 2%

Total: 102 % (there are two extra percentage points built-in to the course with a maximum course score is 102/100)

The course grade is the grade satisfying the conditions below:

**Minimum %**

A 90 %	C 70 %
A- 87 %	C- 67 %
B+ 83 %	D+ 63 %
B 80 %	D 60 %
B- 77 %	D- 57 %
C+ 73 %	E 0 %

**GRADE POSTING:** All grades will be posted in a timing manner on E-Learning (Canvas) at <http://lss.at.ufl.edu> . You are advised to check regularly whether your grades are handled and recorded properly. You should immediately report any problem with your grade to your Instructor. Note: We have 0.5% round up margin towards a higher letter grade

**Grades:** Grading will be in accord with the UF policy stated at <https://catalog.ufl.edu/ugrad/current/regulations/info/grades.aspx>.

**Honor Code:** "UF students are bound by The Honor Pledge which states, "We, the members of the University of Florida community, pledge to hold ourselves and our peers to the highest standards of honor and integrity by abiding by the Honor Code. On all work submitted for credit by students at the University of Florida, the following pledge is either required or implied: "On my honor, I have neither given nor received unauthorized aid in doing this assignment." The Honor Code specifies a number of behaviors that are in violation of this code and the possible sanctions. Furthermore, you are obligated to report any condition that facilitates academic misconduct to appropriate personnel. If you have any questions or concerns, please consult with the instructor or TAs in this class."

**Class Attendance:** "Requirements for class attendance and make-up exams, assignments, and other work in this course are consistent with university policies that can be found at: <https://catalog.ufl.edu/ugrad/current/regulations/info/attendance.aspx>."

**Accommodations for Students with Disabilities:** "Students with disabilities requesting accommodations should first register with the Disability Resource Center (352-392-8565, <https://www.dso.ufl.edu/drc/>) by

providing appropriate documentation. Once registered, students will receive an accommodation letter which must be presented to the instructor when requesting accommodation. Students with disabilities should follow this procedure as early as possible in the semester.”

**Online Evaluations:** “Students are expected to provide feedback on the quality of instruction in this course by completing online evaluations at <https://gatorevals.ua.ufl.edu/>. Evaluations are typically open during the last two or three weeks of the semester, but students will be given specific times when they are open.

**Contact information for the Counseling and Wellness Center:**

<http://www.counseling.ufl.edu/cwc/Default.aspx>, 392-1575; and the University Police Department: 392-1111 or 9-1-1 for emergencies.