

MAC 2313 (Online) SUMMERC 2019 SYLLABUS Analytic Geometry and Calculus 3

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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 online, complete homework using WebAssign, and take lecture quizzes on Canvas. Four exams will be given on Canvas and administered through ProctorU. The course is managed through e-Learning (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

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 Webassign purchase)* The course covers material from chapters 12, 13, 14, 15, and 16. 2) An access code to WebAssign is required for the course. Please note: access codes obtained through authorizing charges to your student financial account are provided at a discounted price. You must authorize charges on or before 05/24/2019 . If you do not wish to authorize charges to your student financial account or if it is after 05/24/2019, you may purchase an access code at the UF Bookstore (<https://www.bkstr.com/floridastore>) or directly from the publisher if available.** * 3) 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 financial account through the UF All Access program.

LECTURE NOTES: Lecture note shells make note taking easier and are required in the course. 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)

Black text is the suggested DO date

Red text is the actual DUE date

Violet text is the Upload Exam Reviews

Blue text is the Exam dates

Monday	Tuesday	Wednesday	Thursday	Friday
May13	14	15	16	17
L1		L2, Q1(L1-2) H1 due		L3 H2, Q1 due
May20	21	22	23	24
L4 H3 due		L5, Q2(L3-5) H4 due		L6 H5, Q2 due
May27	28	29	30	31
Holiday		L7 H6 due		L8, Q3(L6-8) H7 due
Jun3	4	5	6	7
L9, Review H8, Q3 due, UER1	Exam 1 (L1-L8)	L10		L11 H9 due
Jun10	11	12	13	14
L12, Q4(L9-11) H10 due		L13, Q5(L12-13) H11, Q4 due	H12 due	L14 H13, Q5 due
Jun17	18	19	20	21
L15, Q6(L14-15) H14 due		Review H15 due	Review Q6 due, UER2	Exam 2 (L9-15)
Jun24	25	26	27	28
Break		Break		Break
Jul1	2	3	4	5
L16		L17 H16 due	Holiday	L18 H17 due
Jul8	9	10	11	12
L19, Q7(L16-19) H18 due		L20 H19, Q7 due		L21 H20 due
Jul15	16	17	18	19
L22, Q8(L20-22) H21 due		Review Q8, H22 due, UER3	Exam 3 (L16-22)	L23 Q9(L23)
Jul22	23	24	25	26
L24 H23, Q9 due		L25, Q10(L24-25) H24 due		L26 H25 due, Q10 due
29	30	31	Aug1	2
L27, Q11(L26-27)		L28 H26&27, Q11 due		L29 H28 due
5	6	7	8	9
L30, Q12(L28-30) H29 due		Review H30, Q12 due, UER4		Exam 4 (L23-30)

LECTURES & DUE DATES: Complete each lecture on the suggested date indicated in the Calendar, so that you will stay on track and avoid having too many lectures to complete by the actual due date. Each lecture has a corresponding online homework in WebAssign. Each 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.

LECTURE QUIZZES: There will be 12 Canvas quizzes given on the lecture material. The quizzes must be taken on or before the due dates indicated in the Calendar. Students have 30 minutes to complete each online quiz and the timer runs continuously once the quiz has begun. Quizzes are open book and open note but are not group projects as students are expected to work individually on these assignments. Once the time has expired, students will not be able to continue the quiz. There are no time extensions for issues due to inadequate internet connectivity. The two lowest quiz grades will be dropped at the end of the term.

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 due date indicated in the Calendar. There will be total of 29 assignments offered and the 2 lowest scores will be dropped.

MAKEUP POLICY ON HOMEWORK AND QUIZZES: If you missed 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. Upon receipt of valid documentation, you will be granted ONE extension. There will be no extension given on a WebAssign HW or a Canvas Quiz without appropriate documentation.

UNIT EXAMS: There will be four Unit Exams given during the term. An exam has to be taken any time on the date indicated in the calendar. All exams will be 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. The student should not bring notes, texts, calculators, or personal electronic devices to the test.

REVIEW FOR EXAMS: There are Review Modules created for the Unit Exams. You can locate them through the link Modules on Canvas.

ONLINE OFFICE HOURS: There are online office hours for answering questions regarding the course material on Monday and Wednesday. To access online office hours, click on "Conferences" and then click the "Join" button. Conferences are taped; you may review the recordings within two hours of the end of a conference.

UPLOAD EXAM REVIEW ASSIGNMENTS: A list of recommended textbook homework problems is provided. It is recommended that students complete all of the problems after each corresponding lecture. Students will upload written work for only a specified selection of these problems as "Upload Exam Review" assignments by the due dates in Canvas (11:59 PM). Late assignments will not be accepted. Please submit early and check that you submitted the correct file; you can download what you uploaded to be certain.

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.

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 must

schedule a makeup. Please contact your instructor and provide the documentation at least a week prior to the test or immediately afterward if you were sick. Important: a makeup has to be scheduled within one week time frame of presenting the documentation. No makeups will be given after the end of the term. Missing any exam without appropriate documentation will result in a deduction of ten percent.

TEXTBOOK HOMEWORK: Textbook homework problems are assigned after each lecture. A selection of these will be uploaded and graded as "Upload Exam Review" assignments. A list of recommended Practice Textbook Homework problems is located in each corresponding Module on Canvas.

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 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 learning disabilities should request accommodations according to the UF policy. Please check on the current status with DRC.

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

- 27 Online homework 25%
- 10 Lecture Quizzes 13%
- 4 Exams 60%
- 4 Written Upload Exam Review assignments 5%
- 4 Discussion Board participation 2%

Total: 105% (there are five extra percentage points built in the course with a maximum course score of 105/100)

The course grade is the grade satisfying the following conditions:

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 on e-Learning (Canvas) at <http://lss.at.ufl.edu>. You should check regularly whether your grades are handled and recorded properly. You should immediately report any problems with your grade to your instructor. If you have a grade dispute please report it to your instructor within one week of the due date of the assignment. We will not review disputed grades at the end of the semester. Note: We have 0.5% round up margin towards a higher letter grade.

Additional Information:

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://evaluations.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. Summary results of these assessments are available to students at <https://evaluations.ufl.edu/results/>.”

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.