

**MAC 2313 (Online)**  
FALL 2018

## **SYLLABUS**

**COURSE TITLE:** Analytic Geometry and Calculus 3

**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.

The 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 E-Learning (Canvas).

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

**INSTRUCTOR:** **Dr. Larissa Rohena-Williamson**  
Office: Little 380, Tel. 352-294-2341  
Office Hours: M: period 8, W: periods 7&8, F: period 8  
E-mail: [lwill@ufl.edu](mailto:lwill@ufl.edu)  
Webpage: <https://people.clas.ufl.edu/lwill/>

**E-learning (Canvas):** <https://lss.at.ufl.edu/>

The course is divided into **4 units**:

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

**FINAL EXAM:** L01 – L30

**Optional FINAL EXAM is on Saturday, December 8**

### MAC 2313 – Online

Fall 2018	Monday	Tue	Wed	Thurs	Friday
August	20	21	22 L1	23	24 L2
September	27 L3	28	29 L4	30	31 L5 L1-L2 HW due Quiz1: L1-L2
	3 Labor Day	4	5 L6	6	7 L7 L3-L5 HW due Quiz2: L3-L5
	10 L8	11	12 L9 L6-L8 HW due Quiz3: L6-L8	13	14 <b>Exam1:L1-L8</b>
	17 L10	18	19 L11	20	21 L9-L11 HW due Quiz4:L9-L11
	24 L12	25	26 L13	27	28 L12-L13 HW due Quiz5: L12-L13
October	1 L14	2	3 L15	4	5 L14-L15 HW due Quiz6: L14-L15
	8 <b>Exam2:L9-L15</b>	9	10 L16	11 L17	12 Homecoming
	15 L18	16	17 L19	18	19 L16-L19 HW due Quiz7: L16-L19
	22 L20	23	24 L21	25	26 L20-L21 HW due Quiz8: L20-L21
November	29 L22	30	31 L23	1	2 L22-L23 HW due Quiz9: L22-L23
	5 L24 <b>Exam3: L16-L22</b>	6	7 L25	8	9 L24-L25 HW due Quiz10: L24-L25
	12 Veterans Day	13	14 L26	15	16 L27
	19 L26-L27 HW due Quiz11: L26-L27	20	21 <b>Thanks</b>	22 <b>giving</b>	23 <b>Holiday</b>
December	26 L28	27	28 L29	29	30 L30
	3 L28-L30 HW due Quiz12: L28-L30	4 <b>Exam4: L23-L30</b>	5	6 Reading Day	7 Reading Day

## 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 09/14/2018. If you do not wish to authorize charges to your student financials account or if it is after 09/14/2018, you may purchase an access code or materials at the UF Bookstore 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 financial account through the UF All Access program.**

LECTURE NOTES: Lecture note shells make the 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 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 marked as “MAC 2313, Online Only”.**

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. The assignment, which is required to be completed for every Lecture, is an on-line Homework on WebAssign. A WebAssign homework becomes available at least one weeks 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 material of the lectures. The quizzes must be taken on the dates indicated in the Course Calendar. The student will have 30 minutes to complete each online quiz and is free to use the notes. 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. Students will have a 24 hour period to begin a quiz. However, once a quiz has begun, the timer will run. A student has 30 minutes to complete the quiz; once expired, the student 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.

ON-LINE 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 29 assignments offered and the **2 lowest scores will be dropped**.

**MAKEUP POLICY ON HOMEWORK AND QUIZZES:** If you missed the due date on homework or a Quiz due to a legitimate and documented reason, you have to contact the Instructor and present a valid documentation prior to the due date or right afterwards if you were sick. Late excuse documentation will not be accepted. **There will be no extension given on a WebAssign HW or a Canvas Quiz without an appropriate documentation.**

**UNIT EXAMS & FINAL:** There will be four Unit exams and an optional Final 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. The student will have 100 minutes to complete each exam and is only permitted access to pencils, an eraser, and scratch paper while the exam is in progress. The student should not bring notes, texts, calculators, or personal electronic devices to the test. Each exam will contain 20 mandatory multiple-choice questions at 2 points each. The total score will count out of 40 points. It may be necessary to miss an Exam during the term or you might not be satisfied with one of your grades earned on the Unit Exams. For these reasons, an **OPTIONAL** Final Exam will be given on **December 8**. The best 4 out of 5 exam scores will count.

**REVIEW FOR EXAMS:** There are Review Modules created for the Unit Exams. You can locate them through the link Modules on Canvas. The unit exams taken during the semester can be used as Study Guide for the Final.

**MAKEUP POLICY ON EXAMS:** If you are missing a Unit Exam due to legitimate documented circumstances, you have an option either to take the Final Exam as a MakeUp, or, if you wish to make it up before the last days of classes and save the Final for another test, you can schedule a makeup earlier but **NOT** at the end of the semester. Please contact **Dr. Williamson** ([lwill@ufl.edu](mailto:lwill@ufl.edu)) and provide the documentation at least a week prior to the test or immediately afterwards if you were sick. Important: an early makeup has to be scheduled within one week time frame of presenting the documentation; if a makeup has not been scheduled in a timing manner, the student will take the Final as a makeup. Late excuse documentation will not be accepted. No makeups, except for the Final, will be given after the end of the term. Missing the Final exam without appropriate documentation and making it up at a later date will result in deduction of points at the Instructor's discretion.

**TEXTBOOK HOMEWORK:** Textbook homework problems are assigned after each lecture. **They will not be graded** but should be considered as an additional tool for mastering the material and preparing for the Exams. 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. The students are strongly recommended to 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 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 an appropriate documentation before you miss a due date for an Assignment or right after you came back to school if you were sick to be eligible for a makeup. You can discuss a Unit Exam, quiz, or homework within one week and the Final exam – within 2 days with your Instructor if there is a grading error or any other problem.

**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 that a student keeps pace with the 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 ACCOMMODATIONS:** 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	On-line homework	27 %
10	Lectures Quizzes	13 %
4	Exams	<u>60 %</u>
<b>Total:</b>		100 %

The course grade is the grade satisfying the conditions below and **will be adhered** to:

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

**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

### **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.