MAA 4103/5105

Summer C, 2018

Course Title: MAA 4103: Intro. Adv. Calculus for Engineers and Physical Scientists 2
MAA 5105: Advanced Calculus 2

Course Content: The main goal of the course is to obtain a solid understanding of the basic mathematical concepts of calculus which include the Riemann integral, infinite series, convergence of sequences of functions and series, vectors and vector-valued functions.

Textbook: Witold A. J. Kosmala, A Friendly Introduction to Analysis, second edition, Pearson Prentice Hall, Upper Saddle River, NJ 07458.

Prerequisites: Intro. Adv. Calculus E&P1/Advanced Calculus1 (MAA 4102)

In SUMMER 2018, you are assigned to the following course meeting time:

MAA 4103	8302	INTRO.ADV.CALC.E&PS.2	MWF 1	LIT 219
MAA 5105	7C25	ADVANCED CALCULUS 2	MWF 1	LIT 219

INSTRUCTOR: Dr. Larissa Williamson-Rohena
Office: LIT 458
Office hours: M, W, F: 9:30am – 10:45 am
E-mail: lwill@ufl.edu

Course websites: http://people.clas.ufl.edu/lwill/ and Canvas: https://lss.at.ufl.edu/

LECTURE NOTES:
The lecture notes are required, and the students should have them on each lecture. The notes shells are available for printing on Canvas or can be purchased at Target Copy (1412 W University Ave, Gainesville, FL 32603).

LECTURE PARTICIPATION:
Regular class attendance is expected and the lecture participation will be taken. Total of 23 Lectures and 8 Discussion Sessions will be given on the dates indicated in the calendar. On each Lecture, a 5-minute attendance/participation quiz will be offered at the end of the class with two multiple-choice questions. For attempting a question, a student will receive 0.5 points. For each correct answer, a student will receive additionally 0.5 points. The total score will be counted out of 1.5. Thus, a student must answer both questions and one of them correctly to get the full credit. Answering both questions correctly will result in 2 points which includes 0.5 bonus. The three lowest scores will be dropped at the end of the term to compensate occasional misses of the class. The total score for the lecture participation will be counted out of 30 points.

Note: Attendance will not be taken during the Discussion Sessions and Exams – participation in those will be reflected in your grade for the homework, quizzes, and exams. **There will be no makeups on the Lecture Participation.**

TEXTBOOK HOMEWORK:
A set of homework problems were assigned and posted on Canvas for each Lecture. During Discussion sessions, the students will discuss the material and ask questions. At the end of each session, the homework assignments, which had been assigned since the last discussion session, will be collected. One of the collected homework assignments (on the Instructor's discretion) will be graded. The students have to show all work to receive full credit. Total 8 assignments will be graded. Each HW assignment will be graded out of 10 points. One lowest score will be dropped at the end of the term. Thus, up to 70 points can be earned on the homework.

QUIZZES:
At the end of each Discussion Session, a 25-minute quiz will be given on the homework problems and proofs of the theorems covered in class since the last discussion session. There will be 3 problems from homework assignments and one proof of a theorem/statement. Each quiz is worth 10 points. Total 8 quizzes will be given. One lowest score will be dropped at the end of the term. Thus, the quizzes will be counted out of 70 points.

EXAMS:
Two Midterm Exams and an optional Final will be offered during the class time on the dates indicated in the calendar. Each exam is worth 80 points. The best 2 out of 3 exam scores count. The Midterm exams are in a free response format and will be graded with a partial credit. A cumulative final exam will be given in a multiple-choice format. Total of 160 points can be earned on the exams. **The Final Exam is optional and it works as a MakeUp**.

PROJECTS:
Four projects will be offered during the term and collected on the days indicated in the Calendar. The Projects will be completed in Groups. Each Group will turn in one project. A project will be counted out of 20 points. Total of 80 points can be earned on the Projects.

IMPORTANT NOTE:
The homework, quizzes, projects, and exams will not be reviewed, offered, and/or accepted for grading at the end of the term. You should discuss with your instructor a graded homework, quiz, project, or an exam within three days after receiving the grade and the Final exam – on the same day if there is a grading error or any other problem.

MAKEUP POLICY:
All make-ups will be given only on legitimate documented reasons. We will not accept any late excuse documentation. No make-ups will be given at the end of the term. In order to be eligible for a make-up, you have to present to your Instructor an appropriate documentation before you miss the class/exam or right after you come back to school if you were sick. There will be no makeup on the lecture attendance/participation.

GRADE POSTING POLICY:
The course grades will be posted on Canvas Gradebook and updated weekly. 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. The final grades will be posted on Canvas on the day of the Final Exam.

COURSE GRADE:

Points will be accumulated as follows:

20	Lecture Participation	@	30 points	8 %
7	Quizzes	@	70 points	16 %
7	Homework Assignments	@	70 points	16 %
4	Projects	@	80 points	20 %
2	Exams	@	160 points	40 %
	Total:		410 points	100%

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

	Minimum %		**Minimum %**
A	90 %	C-	62 %
A-	86 %	D+	58 %
B+	82 %	D	54 %
B	78 %	D-	50 %
B-	74 %	E	0 %
C+	70 %		
C	66 %		

CALCULATORS are not required in this course and only scientific calculators are allowed on the exams.

HELP:
In addition to attending your class regularly and visiting your Instructor during her office hours, the following aids are available:

a) Broward Teaching Center: The OIR tutoring center located in SE Broward Hall is open during the day and in the evening. Further information and hours of operation are posted on-line at www.teachingcenter.ufl.edu
b) Private Tutors: If, after availing yourself of these aids, you feel you need more help, you may obtain from the Mathematics Department Office (358 Little) a list of qualified tutors for hire. This list is also posted on the department web page www.math.ufl.edu

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

MAA 4103 Calendar Summer C 2018

MAA 4103

Summer 2018	**Monday**	**Tue**	**Wed**	**Thursday**	**Friday**
May	14 L1	15	16 L2	17	18 L3
	21 Discussion Session 1	22	23 L4	24	25 L5
June	28 Memorial Day	29	30 Discussion Session 2	31	1 L6 **Project 1**
	4 L7	5	6 L8	7	8 L9
	11 Discussion Session 3	12	13 L10	14	15 L11 **Project 2**
	18 L12	19	20 Discussion Session 4	21	22 **Exam 1**
SUMMER BREAK: June 25 – 29					
July	2 L13	3	4 Holiday	5	6 L14
	9 Discussion Session 5	10	11 L15	12	13 L16 **Project 3**
	16 L17	17	18 Discussion Session 6	19	20 L18
	23 L19	24	25 L20	26	27 Discussion Session 7
August	30 L21	31	1 L22	2	3 L23 **Project 4**
	6 Discussion Session 8	7	8 **Exam 2**	9	10 **Final Exam** (optional)