

# MAA 4102: Introduction to Advanced Calculus for Engineers and Physical Scientists 2

Spring 2019

<b><u>Location:</u></b>	<b>LIT 217</b>
<b><u>Time:</u></b>	<b>MWF 10:40am-11:30am</b>
<b><u>Instructor:</u></b>	<b>Michael Hull</b>
<b><u>Email:</u></b>	<b>mbhull@ufl.edu</b>
<b><u>Website:</u></b>	<b>people.clas.ufl.edu/mbhull/</b>
<b><u>Office:</u></b>	<b>LIT 452</b>
<b><u>Office Hours:</u></b>	<b>2:30pm-3:30pm MWF</b>

## **Course Description**

Continues the advanced calculus for engineers and physical scientists sequence. Theory of integration, transcendental functions and infinite series.

## **Textbook**

*A Friendly Introduction to Analysis* by Witold A. J. Kosmala.

## **Homework and Quizzes**

Homework problems will be assigned (roughly) every week. Homework problems will not be collected or graded. Instead, there will be an in-class homework quiz consisting of one or more problems from the homework assignment. Some of these problems are very difficult and will require a significant amount of time to work. In particular, students should not expect to be able to complete problems in the amount of time allotted for the homework quiz unless they have already worked out the problems ahead of time.

Typically the homework quiz will take place on Friday. There are no make-up homework quizzes. There will be three dropped homework quizzes for unavoidable situations. The homework assignment for each week will be posted online here: <https://people.clas.ufl.edu/mbhull/maa-4103-introduction-to-advanced-calculus-for-engineers-and-physical-scientists-2>.

## **Exams**

There will be 3 in-class exams and a cumulative, optional final exam. Students who choose to take the final exam will have their score on the final replace their lowest exam score if this is an improvement. Tentative dates for the exams are listed below. Students who expect to have conflicts with the exam times should make arrangements with the instructor as soon as possible. Make-up exams will only be given under extraordinary circumstances.

Exam 1: Friday, 2/8.

Exam 2: Wednesday, 3/20 (rescheduled from 3/22).

Exam 3: Friday, 4/19 (rescheduled from 4/22).

Final: Thursday, 5/2 10:00am-12:00pm

## **Grades**

Final grades for the course will be computed as follows:

Homework Quizzes:	25%,
Exams:	25% each.
Final (optional)	Replaces lowest exam grade.

Final letter grades will be assigned according to the standard scale: 92-100 A, 90-92 A-, 87-90 B+, 82-87 B, 80-82 B-, 77-80 C+, 72-76 C, 70-72 C-, 67-70 D+, 62-66 D, 60-62 D-, 0-59 E.

## **UF Grading Policy**

<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.

## **Attendance Policy**

Attendance in class is required, see the university attendance policy at <https://catalog.ufl.edu/ugrad/current/regulations/info/attendance.aspx> for more information.

## **Disability Accommodation**

Students with disabilities requesting accommodations should first register with the Disability Resource Center (352-392-8565, [www.dso.ufl.edu/drc/](http://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.

## **Course Evaluation**

Students are expected to provide feedback on the quality of instruction in this course by completing online evaluations at <https://evaluations.ufl.edu> during

the last two or three weeks of the semester. Summary results of these assessments are available to students at <https://evaluations.ufl.edu/results/>.

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

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