This is a sample syllabus for MAC2312. Students should reference the section syllabus provided at the beginning of the semester for specifics regarding assignments and grade assignments.
MAC 2312
Honor Calculus II Syllabus
Delivery Mode: In Person

Instructor: 
Office: 
Email: 
Office Hours: 

Course Information

- **Course Hours:**
- **Course Meetings Location:**
- **Credit Hours:** 4 Credits.
- **Prerequisites:** MAC 2311 with a grade of C- or better, or at least four hours of equivalent calculus courses.

Course Description:

Calculus II continues your study from Calculus I. You will become much more powerful at integrating functions, allowing you to solve a wider range of problems and applications. The essential new topic in the course is infinite series and Taylor series. You will also explore the calculus of parametric and polar equations, and related topics as time permits.

Course Objectives:

At the completion of this course, students will be able to:

- Correctly solve a variety of integrals, evaluate properties of sequences and series, find and use Taylor series for functions, solve problems involving the calculus of parametric and polar equations, and solve problems on other topics covered in class.
- Communicate and discuss their mathematical thoughts clearly, both orally in Zoom sessions, and in writing uploaded to Canvas.
- Approach problems from different perspectives, including verbally, algebraically, numerically, and graphically.

To achieve these objectives students will read the textbook, attend lectures, do homework assignments and discuss problems in class. Proficiency will be assessed through performance on Homework assignments, Quizzes, and Three in-class exams.

Textbook and Material:

The major textbook to be used is:


We will cover majority of the sections in Chapter 7 through Chapter 11 of the textbook. The textbook will be supplemented by lecture notes. Different resources may be used for some parts of the material and related references will be provided during the semester.

Grading:

Each assignment will count equally towards your final grade. The weights for the homework, quizzes and exams will be:

- Homework Average: 20%
- Quizzes: 20%
- Exam 1: 20%
- Exam 2: 20%
- Exam 3: 20%
Your minimal course grade will be computed as follows. All work in the course will be graded according to the default FSU grading scheme:

A: 100 - 93, A-: < 93 - 90, B+: < 90 - 87, B: < 87 - 83, B-: < 83 - 80, C+: < 80 - 77, C: < 77 - 73, C-: < 73 - 70, D+: <70 - 67, D: < 67 - 64, D-: < 64 - 60, F: < 60.

**Homework:**

Homework problems will be posted and submitted weekly during the semester. The weekly homework will include Wiley Plus problems and occasionally some written problems you will upload to Canvas.

Homework is designed to help students understand the material and to prepare them for exams. The given exercises represent a minimal assignment. Some students may have to work additional exercises or do additional reading to attain sufficient mastery of the material.

Collaboration is encouraged in this course. However, copying someone else's work and submitting it as your own is unacceptable. All violations of the FSU Academic Honor policy, will result in a grade of 0 for the assignment.

Each student must have his own solution written neatly. First drafts of solutions won’t be accepted.

The lowest two scores of your Homework will be dropped and not counted into your grade.

**Quizzes:**

Quizzes will be given in class on a weekly basis and will be based on the previous lectures material and the corresponding assigned HW problems. On occasions, take-home quizzes will be given. These quizzes are to be done individually. The lowest two scores of your quizzes will be dropped and not counted into your grade.

**Exams:**

- Exam 1: Thu 09/27 in class.
- Exam 2: Thu 10/27 in class.
- Exam 3: Tue 12/06 in the classroom.
  Exam 3 will be held during Finals week.

**Student Responsibilities:**

- Students are responsible to keep up with course announcements and responding to email promptly. Students should log on to Canvas regularly to check for course updates.
- Students are expected to keep up with the class, engage with the course material, and submit assignments by the due dates.
- Homeowrk, quizzes, and exams are expected to be products of individual students per the FSU Academic Honor Policy. Students should not discuss any of the questions with each other during the quizzes or exams without instructor approval.
- To be successful in this course, students need to complete all required assignments and tests.

**Make-up Exams Policy:**

Make-up exams will only be given for excused absences. See the University Attendance Policy.
Final Exam Policy: Students are expected to arrange their personal and work schedules to allow them to take Exam 3 at the scheduled time.

University Attendance Policy: Excused absences include documented illness, deaths in the family and other documented crises, call to active military duty or jury duty, religious holy days, and official University activities. These absences will be accommodated in a way that does not arbitrarily penalize students who have a valid excuse. Consideration will also be given to students whose dependent children experience serious illness.

FSU Academic Honor Policy: The Florida State University Academic Honor Policy outlines the University’s expectations for the integrity of students' academic work, the procedures for resolving alleged violations of those expectations, and the rights and responsibilities of students and faculty members throughout the process. Students are responsible for reading the Academic Honor Policy and for living up to their pledge to "...be honest and truthful and... [to] strive for personal and institutional integrity at Florida State University." (For more details see the FSU Academic Honor Policy and procedures for addressing alleged violations.)

Americans with Disabilities Act: Florida State University (FSU) values diversity and inclusion; we are committed to a climate of mutual respect and full participation. Our goal is to create learning environments that are usable, equitable, inclusive, and welcoming. FSU is committed to providing reasonable accommodations for all persons with disabilities in a manner that is consistent with academic standards of the course while empowering the student to meet integral requirements of the course.

To receive academic accommodations, a student:
1. must register with and provide documentation to the Office of Accessibility Services (OAS);
2. must provide a letter from OAS to the instructor indicating the need for accommodation and what type; and,
3. should communicate with the instructor, as needed, to discuss recommended accommodations. A request for a meeting may be initiated by the student or the instructor.

Please note that instructors are not allowed to provide classroom accommodations to a student until appropriate verification from the Office of Accessibility Services has been provided.

This syllabus and other class materials are available in alternative format upon request.

For more information about services available to FSU students with disabilities, contact the:
Office of Accessibility Services
874 Traditions Way
108 Student Services Building
Florida State University
Tallahassee, FL 32306-4167
(850) 644-9566 (voice)
(850) 644-8504 (TDD)
oas@fsu.edu
https://dsst.fsu.edu/oas
Free Tutoring From FSU: On-campus tutoring and writing assistance is available for many courses at Florida State University. For more information, visit the Academic Center for Excellence (ACE) Tutoring Services’ comprehensive list of on-campus tutoring options - see http://ace.fsu.edu/tutoring or contact tutor@fsu.edu. High-quality tutoring is available by appointment and on a walk-in basis. These services are offered by tutors trained to encourage the highest level of individual academic success while upholding personal academic integrity.

Syllabus Change Policy: Except for changes that substantially affect implementation of the evaluation (grading) statement, this syllabus is a guide for the course and is subject to change with advance notice.