

**MATH 1312**  
**Calculus II**  
**SYLLABUS**

**Instructor:** Dr. Piotr J. Wojciechowski \ voy-che-hof-skee \

**Phone:** 747-6774

**E-mail:** piotrw@utep.edu

**Office:** Bell Hall 324, T,R 12:30-13:30

**Textbook:** Larson, Hostetler, Edwards *Calculus*

**Notebook:** Notes must be taken during class. The content of the blackboard must be copied to the notebook. It is strictly required to know the material written on the board.

**Calculator:** Any graphing calculator. Some restrictions of the use during the exams will be specified at the examination time.

**Grading policy:**

- Unannounced quizzes; three lowest quizzes will be dropped. The quizzes cover 20% of the course grade. A student with 3 absences at the quizzes will be dropped from class with a W.
- Two midterm examinations, each given after completion of major sections of the course. The exams will be announced at least a week in advance. Each exam covers 20% of the course grade. The final exam (scheduled by the University) is comprehensive and covers 40% of the course grade.
- There are no special projects, extra work or any other alterations of this policy.
- In extraordinary and officially justified cases a make-up exam or quiz can be administered during the office hours. It has to be individually arranged with and approved by the instructor.

**Drop deadline and policy:** 11/3/2017. A student with 3 absences at the quizzes will be dropped from class with a W.

**Goal of the course:**

- Various techniques of integration (Chapter 4.5, Chapter 8)
- Applications of integrals to geometry and physics (Chapter 7)
- Infinite sequences and series (Chapter 9)
- Representation of functions using Taylor and Fourier series (Chapter 9)
- Elementary differential equations (sections of Chapter 6)

**Required Reading:**

- Notes taken during class
- Relevant parts of the textbook

**Homework:** A great deal of concentration of the course is stressed on homework. There will be homework assigned each class, but the homework is not collected or graded. Selected problems will be discussed in greater detail in class. Having learned how to do and how to write the homework is a key to success in this course, since the quizzes and exams will be based on and look like the homework.

**Attendance:** Mandatory, on time. A student with 3 absences at the quizzes will be dropped from class with a W.

**Everyday work:** 2 hours (average)

**All UTEP and College of Science policies apply**

**Academic honesty:** All suspected cases of dishonesty will be immediately reported to the Office of Student Conduct

**Disability issues:** [cass@utep.edu](mailto:cass@utep.edu)

**NO CELL PHONES**

**A student staying in this class accepts all the rules of the syllabus**