THE UNIVERSITY OF TEXAS AT EL PASO
COLLEGE OF SCIENCE
DEPARTMENT OF MATHEMATICAL SCIENCES

Course #:
Math 3335 CRN: 22811
Course Title:
Applied Analysis I
Credit Hrs.:
3
Term:
SPRING 2019
Course Meetings & Location:
MW 9:00 AM-10:20 PM. LART 308

Prerequisite Courses:
The official UTEP catalog lists the following as prerequisites for Math 3335:
Prerequisite(s): (MATH 2313 w/C or better ) OR (MATH 2326 w/C or better).

Every student is individually, fully responsible for all prerequisites for this class. Lack
of prerequisite knowledge is NOT A DEFENSE and will NOT be accepted as an excuse
to do poorly on any exam. Should you have any questions or concerns about your
mastery of prerequisites or lack thereof, please contact your advisor. Any student
who does not have the prerequisites may be dropped by the instructor at any time
during the semester.

Instructor:
Osvaldo Mendez
Office Location:
Bell 217
Contact Info:
Phone # 747-6862
E-mail address osmendez@utep.edu
Fax # 915-747-6502 (Math Department)
Emergency Contact 915-747-5761 (Math Department)
Office Hrs.: W 8:00 AM to 9:00 AM or by appointment in writing, from an official UTEP e mail
account.

Textbook(s), Materials:
Required: Advanced Engineering Mathematics by
Textbook required at all class meetings. Reviews are based
on textbook. Exams are based on textbook. It is every student
individual responsibility to make sure he/she has the correct
review problem set as assigned by the instructor.

Course Content:
The official UTEP catalog lists the following as class content:
Applied Analysis I (3-0) Line and surface integrals, change of variable in multiple
integrals, vector analysis and an introduction to complex variables.

Activities/Assignment:
There will be two midterm exams and a final exam. No make-ups, no extra time
for arriving late to any exam.
Midterms and final will be based on regularly assigned homework. Each student is responsible for working on the review problems. Questions about the reviews are welcome during class time or during office hours. All steps of every problem MUST be clearly worked out in detail in all exams. Consistent standard notation must be used in the solution of every problem. Any part of any problem in which unexplained notation is used, will carry 0 credit, even if correct. Significant credit (even the totality of credit allotted to a problem) will be lost for using inconsistent notation throughout a problem. No credit will be received for incomplete, unjustified, unsupported or messy answers. Exams with no legibly printed name on each page will get ZERO (0) credit, will not be graded and will not be returned.

Assessment of Course: Midterm exams, final exam. No extra credit (other than stipulated in this syllabus) or extra works for any reason. Grade is calculated ONLY on OFFICIALLY SCHEDULED EXAMS.

Course Schedule: The last day to drop the course without a "W" is Friday, April 5, 2019. The College of Science aligns with UTEP’s posted (and very generous) drop date of April 5 for the Spring 2019 semester. We will not approve any student- or faculty-initiated drop requests for a course after that date, except under circumstances of complete withdrawal of all courses due to medical or non-medical reasons. Please note that the College of Science will remain aligned with the University and will not approve any drop requests after that date.
Drop Date: 04/05/2019.

IMPORTANT: After the drop date, you can be dropped only with an F. No exceptions. The instructor will not grant a W after the drop date.

Final Exam: Wednesday May 15th, 2019, 10:00 AM- 12:45 PM (NO MAKE- UPS).

ALL EXAMS (BOTH MIDTERMS AND THE FINAL EXAM) ARE CLOSED BOOK/CLOSED NOTES, NO CALCULATORS FORMULA SHEET OF ANY KIND, NOR ANY ELECTRONIC DEVICES OF ANY KIND ARE ALLOWED. CELL PHONES MUST BE OFF AND STOWED AWAY DURING EXAMS. THE FINAL EXAM IS COMPREHENSIVE, CLOSED BOOKS, CLOSED NOTES, NO CALCULATORS ALLOWED, NO FORMULA SHEET ALLOWED. LEAVING THE CLASSROOM FOR ANY REASON AT ANY TIME DURING ANY EXAM WILL AUTOMATICALLY RESULT IN A SCORE OF 0 (ZERO) FOR THE EXAM.

The answers to all problems in all exams must be written clearly and legibly. All work must be shown in detail. **Answers with no detailed supporting work will carry zero credit even if correct. Exams with no names will carry a score of ZERO and**
will NOT be returned. The student name must be written on every page of the exam.

**Grading Policy:** Each Midterm is worth 30% of the final grade. The final exam is worth 40% of the final grade. No extra credits or extra work other than as indicated below. Grade is determined based exclusively on the officially scheduled exams. The final score computed according to the above percentages will be curved using a Bell curve.

**EXTRA CREDIT:**
3 extra points for every survey quiz filled out correctly during the first 10 minutes of class. Occasional extra credit quiz for a maximum of 20 points.

**INCOMPLETES:**
IN ORDER TO BE GRANTED AN INCOMPLETE, A STUDENT MUST HAVE COMPLETED AT LEAST 60 PERCENT OF THE COURSEWORK WITH A GRADE OF C OR BETTER. IN PARTICULAR, TO BE CONSIDERED FOR AN INCOMPLETE, A STUDENT MUST HAVE COMPLETED MIDTERM I AND MIDTERM II WITH A GRADE OF C OR BETTER. A GRADE OF INCOMPLETE WILL NOT BE GRANTED TO ANYBODY WHO HAS TAKEN THE FINAL EXAM.

**ATTENDANCE POLICY**
Any student with 3 or more absences from lecture might be automatically dropped from the class with an F. Every student is individually, fully responsible for all the information/assignments and handouts given/distributed during every lecture, including but not limited to the material covered during lectures in which the student was absent. It is not the responsibility of the instructor to provide extra information to students who have missed lectures. Office hours are NOT intended to make up for missed lectures.

**Tardiness:**
A student is deemed to be tardy when he/she:

1) Fails to arrive to class at the assigned/scheduled time.
2) Leaves class prior to the end of class time.

Every third occurrence of tardiness will be counted as an absence.

**Make-up Policy:**
If a student misses a midterm for a VALID, OFFICIALLY DOCUMENTED reason, the weight of the missing exam will be transferred to the final. **No make up for the final exam.**
**Academic Integrity Policy:**

The University policy is that all suspected cases or acts of alleged scholastic dishonesty must be referred to the Dean of Students for investigation and appropriate disposition. Any student who commits an act of scholastic dishonesty is subject to discipline. Scholastic dishonesty includes, but is not limited to cheating, plagiarism, collusion, and the submission for credit of any work or materials that are attributable in whole or in part to another person, taking an examination for another person, any act designed to give unfair advantage to a student or the attempt to commit such acts. Each student is responsible for notice of and compliance with the provisions of the Regents’ Rules and Regulations, which are available for inspection electronically at [http://www.utsystem.edu/bor/rules/homepage.htm](http://www.utsystem.edu/bor/rules/homepage.htm)

All students are expected and required to obey the law, to comply with the Regents’ Rules and Regulations, with System and University rules, with directives issued by an administrative official in the course of his or her authorized duties, and to observe standards of conduct appropriate for the University. A student who enrolls at the University is charged with the obligation to conduct himself/herself in a manner compatible with the University's function as an educational institution.

Any student who engages in conduct that is prohibited by Regents’ Rules and Regulations, U.T. System or University rules, specific instructions issued by an administrative official or by federal, state, or local laws is subject to discipline, whether such conduct takes place on or off campus or whether civil or criminal penalties are also imposed for such conduct.

**Civility Statement:**

Calculators are not allowed during any of the officially scheduled exams. Please do not use cell phones, pagers, IPods, MP3 players, blue tooth devices, etc. during class. Cell phones and pagers should be set to silent or vibrate, and any calls should be taken outside of class. Please do not wear headsets or blue tooth devices during class. Please don’t talk in class. Cell phone calculators may not be used on quizzes or exams. Active participation in class is expected, teamwork in class will be implemented.

Students are expected to arrive/leave on time and not to disrupt other student’s right to learning. Any student exhibiting behavior that is, in the opinion of the instructor, disruptive and/or incompatible with a learning environment in line with the World-Class reputation of Our Institution, will be asked to leave the classroom and **50 points will be taken off his/her final grade, for every such occurrence.**

No extra time for arriving late to any exam, including the final. Absolutely no trips to the bathroom during the exam. Students are not allowed to leave the classroom during any midterm exam or during the final exam.

**Disability Statement:**

If a student has or suspects she/he has a disability and needs an accommodation, he/she should contact The Center for Accommodations and Support services (CASS) at 747-5148 or at <cass@utep.edu> or go to Room 106 Union East Building. The student is responsible for presenting to the instructor any CASS accommodation letters and instructions.
Military Statement: If you’re a military student with the potential of being called to military service and/or training during the semester, please contact me by the end of the first week of class.