

# El Paso Community College Syllabus

## Instructor's Course Requirements

### Fall 2017

#### I. Course Number and Instructor's Information

MATH 2413 CALCULUS I CRN 14708

Prerequisite: Math 2412 with a "C" or better, or by placement exam

INSTRUCTOR'S NAME Norma A. Martinez

CAMPUS AND OFFICE NUMBER ENGLISH WING 179

TELEPHONE NUMBER 915/ 229 6145 emergency contact

OFFICE HOURS **MW 3:10- 3:55 PM or by appointment**

EMAIL ADDRESS [namarti2@episd.org](mailto:namarti2@episd.org)

REMIND 1) text @burgesp\_\_\_\_\_ to 81010

#### II. Text and Materials

##### A. Required Text

Larson, Ron, Hostetler, Robert P., and Edwards, Bruce H., Calculus, Volume I; 10<sup>th</sup> Edition, Houghton Mifflin Company, 2014. This is a two semester custom text version. This version covers only Calculus I & II. Adopted 2013.

##### B. Materials

Scientific calculators are required, graphing calculators are recommended.

#### III. Course Requirements

##### A. Grading Scale

The Course grade will be determined by adding the total percent earned by the student, rounding to the nearest unit, and assigning a letter grade based on the following scale. **ROUNDING WILL OCCUR IN ACCORDANCE WITH THE RULES FOR ROUNDING IN MATHEMATICS.**

<u>Average Grade</u>	<u>Letter Grade</u>
90-100%	A
80-89%	B
70-79%	C
60-69%	D
0-59%	F

This earned percent will be determined as follows:

Four Exams @ 15% ea	= 60 %
In-Class student work	= 10 %
WebAssign (Course work )	= 15 %
Final exam	= 15 %
	<u>100%</u>

##### B. Exams

There will be **four** exams and a required **comprehensive final** exam. **No retests may be taken.** If it is to the Student's advantage, the lowest exam may be replaced by the grade on the final exam. It is the students' responsibility to make prior arrangements with the instructor if unable to attend class the day of the test. **Each Student is required to take all four exams and the final exam.** Calculators may be used at the teachers' discretion

### C. In-class student work

Every day the students will have the opportunity to explain problems on the board from their workbook to the rest of their classmates. Every student will be responsible to explain 3 problems per week, answer questions from their peers and instructor and make a minimum of 3 positive inquiries to their classmates' presentations. The problem explanations will count 30 points per week, the peer explanation sessions 40 points per week and the student inquiries will count up to 30 points such that the student may receive a total of 100 points for complying with all the in-class work

### D. WebAssign

All course work assignments will be done through Webassign. No exceptions will be made. Your webassign grade will be weighted the same as one exam. Online-Homework and Online-Quizzes will be included.

### E. Honors Credit

This course may be taken for Honor's Credit, see your instructor for more information.

## IV. Instructor's Policies

### A. Participation

Students enrolled **are expected to participate** as a learning community, by **being prepared** for class, **engaging** in group activities, joining class discussions, **communicating** their understanding of mathematics, and **explaining** their work to others.

### B. Quality Enhancement Project

Each Dual Credit class has a Quality Enhancement Project during the last month of classes. The purpose for such projects is to introduce the students to practice application of the course content. More detailed information about the project will be provided after the final Exam.

### C. Merit Incentives

Merit Incentives may be given if a student goes **above** and **beyond** expectations. The students may have the opportunity to earn up to 2 points, which will be added to their final grade average.

### D. Mandatory Tutoring

Students with a course grade average of 75 or below must attend to **Mandatory Tutoring** until their grade average reaches above 80. He/she will be responsible for half an hour daily. Students who score 70 or below in a course exam must attend tutoring for 5 hours which will be due before the next exam is taken. The student must **keep record of his/her tutoring attendance**. It is the student responsibility to request tutor's signature before and after a tutoring session is attended.

### E. Student Notes

They will be required daily throughout the semester. The student is **responsible** for **reading** assigned lectures, **watching** the assigned videos, and **completing** their notes **before coming to class**. During the first four weeks of the semester; at the teacher's discretion, the student may use their notes during their daily quizzes.

### F. Extracurricular Activity

Students that are going to be gone for an extracurricular activity during an exam are to **inform** their instructor within a week prior to leaving; also they are required to **take the exam before the absence**. Students that are going to be gone for an extracurricular activity during a homework or quiz due date are to inform the professor ahead of time within a week prior to leaving; also they are required to **take the quiz before the absence** and turn in the **homework** assignment with in the due date. No extensions will be granted, you need to plan according to your syllabi.

### G. Redo Policy

No redo for Dual Credit courses

### H. Zero policy

Zeros will be given if a student refuses to do work and/or are non-compliant with instructor's policy in their syllabi.

## **I. Late Work Policy**

Students will receive 100 % grade for homework assignments turned in on time. After that students will earn 50% for any homework until the 1<sup>st</sup> and 2<sup>nd</sup> nine weeks depending of the upcoming grade report handled with in Webassign.

## **J. Cheating**

High ethical standards are prerequisites for successful careers and reflect on a person's character. All graded work must be the student's own work. Situations involving cheating (giving and receiving answers on test) will be handled according to the student code of conduct published in the EPCC Catalog (page 72) and EPCC 7.05.01.10 Student Disciplinary Procedure.

## **K. Academic Dishonesty and Behavioral/ Disruptive Behaviors**

Students will be held accountable for all Academic and Behavioral Codes of Conduct in the EPCC Student Handbook. This can potentially lead to Instructor Initiated Drops. We must keep the best interest of all students and must protect them at all times. Please refer to Student Handbook provided by EPCC.

"Employee/Student Relations Students are entitled to enjoy the basic rights of citizenship which are protected by the laws of the country and state. Each student is obligated to respect the rights of classmates, teachers and other College personnel. The College requires all employees to recognize and respect the rights of students, just as it requires all students to exercise their rights responsibly, with due regard for the equal rights of others, and in compliance with the rules and regulations established for the orderly conduct of the educational mission of the College." EPCC Employee Handbook pg. 31

## **L. Attendance-Drops**

**Friday, November 3, 2017** is the last day a student can withdraw with a "W". If you wish to withdraw from this course it is your responsibility to complete all the necessary paperwork. The instructor assumes no responsibility for student withdrawal from the course or the completion of student's course work.

## **M. "I" Grade**

I(Incomplete) grades are assigned whenever the appropriate assignments and deadlines are met. To be eligible for an incomplete grade, a student must have at least 80% of the course work completed with at least a 75% average.

## **N. Drop Policies/Probation Procedure**

Students can be considered for a drop if they fall below a 70 at the 2<sup>nd</sup> progress report mark for EPISD's calendar. At this point the student will be put on probation. Probation has a mandatory tutoring requirement and is the responsibility of the student to attend. Tutoring schedules are provided but will vary upon instructor and if an instructor on Burges campus is unavailable they may attend tutoring provided at EPCC. Counselors will contact parents and make parents aware of their child's probationary status. If the student does not maintain a grade of a 70 or above, he/she will be dropped during the withdrawal date on the EPCC calendar. This does not mean they will be dropped from BECHS altogether but may lead to dismissal from the BECHS program. If they are passing by the W date, but after drop below a 70 in the course the student will not be allowed to return to course for 2<sup>nd</sup> semester if it is a 2 semester course. Due to the differences in departments, this may vary between instructors. Please refer to individual instructor's syllabi.

## **O. Students with Disabilities**

EPCC offers a variety of services to persons with documented sensory, mental, physical, or temporary disabling conditions to promote success in classes. If you have a disability and believe you may need services, you are encouraged to contact the Center for Students with Disabilities to discuss your needs with a counselor. All discussions and documentation are kept confidential. Offices # 831-2426

## **P. Cell Phones and electronic devices**

Cell Phones and other electronic devices must be turned off during lecture. They must be deposited in the cellphone keeper. If you don't comply your work for the day will receive a zero. **During in-class test sessions, the students must leave their phones and other electronic devices in their classroom at all times.**

## **Q. Tutoring Dates and Schedules**

Will be set later pending approval

This service is available during every semester at the **Valle Verde** campus in Room A – 1419 and as well at other campuses. Phone number (915) 831-2144

**ACKNOWLEDGEMENTS REGARDING THE SYLLABUS, IMPORTANT COURSE POLICIES, AND PLAGIARISM STATEMENT (EXTRACTED FROM IWS.COLLIN.EDU)**

1. I have been advised to fully read the syllabus for this course (available at [www.namartinez4.weebly.com](http://www.namartinez4.weebly.com)). I understand this document outlines the policies for this course and details the textbooks and supplies I need. It also explains the manner in which I'll earn my grade, and I realize that, along with required assignments, and a departmental final, my grade will be influenced by both my attendance and my level of participation. I have been told that negative consequences will attend poor classroom behavior.

2. I understand that my attendance is being recorded each class period. If I arrive late or leave early, these tardies /early departures will be noted. I have further been made aware that excessive absences (and/or repeated tardiness or numerous early departures) will negatively affect my performance during the course such that I may be subject to possible administrative withdrawal. Failure to attend class can not only jeopardize my course grade but affect my financial aid after high school graduation.

3. I have been advised to read the explanation of plagiarism/other forms of academic dishonesty provided by the el Paso Community College in its student handbook. My professor has also clearly emphasized the college's policy in her syllabus and on her web page. I understand there are severe negative consequences if I should be guilty of it either intentionally or unintentionally.

STUDENT NAME \_\_\_\_\_ SEMESTER \_\_\_\_\_

SIGNATURE \_\_\_\_\_ DATE \_\_\_\_/\_\_\_\_/\_\_\_\_

COURSE/SECTION \_\_\_\_\_

LEGAL GUARDIAN NAME \_\_\_\_\_ SEMESTER \_\_\_\_\_

SIGNATURE \_\_\_\_\_ DATE \_\_\_\_/\_\_\_\_/\_\_\_\_

COURSE/SECTION \_\_\_\_\_

## VI

## Calendar (Approximate)

Week	Dates	Sections Covered	Section Titles
1	Aug. 21- Aug. 25	Syl., 1.1, 1.2, 1.3	1.1-A Preview of Calculus 1.2-Finding Limits Graphically and Numerically 1.3-Evaluating Limits Analytically
2	Aug.28 – Sept. 01	1.4, 1.5, 2.1	1.4-Continuity and One-Sided Limits 1.5-Infinite Limits 2.1-The Derivative and the Tangent Line Problem
3	Sept. 04 – Sept. 08	2.2, 2.3, 2.4	2.2-Basic Differentiation Rules and Rates of Change 2.3-Product and Quotient Rules and Higher-Order Derivatives 2.4-The Chain Rule
4	Sept. 11 – Sept. 15	2.5, 2.6, <b>EXAM I</b>	2.5-Implicit Differentiation 2.6-Related Rates
5	Sept. 18 – Sept. 22	3.1, 3.2, 3.3	3.1-Extrema on an Interval 3.2-Rolle's Theorem and the Mean Value Theorem 3.3-Increasing and Decreasing Functions and the First Derivative Test
6	Sept. 25 – Sept. 29 <b>Sept 29 Staff development</b>	3.4, 3.5, 3.6	3.4-Concavity and the Second Derivative Test 3.5-Limits at Infinity 3.6-A Summary of Curve Sketching
7	Oct.02 – Oct. 06	3.7, 3.8, 3.9	3.7-Optimization Problems 3.8-Newton's Method 3.9-Differentials
8	Oct. 09 – Oct. 13	<b>EXAM II</b> , 4.1,4.2	4.1-Antiderivatives and Indefinite Integration 4.2-Area
9	Oct. 16 – Oct. 20	4.3, 4.4, 4.5	4.3-Riemann Sums and Definite Integrals 4.4-The Fundamental Theorem of Calculus 4.5-Integration by Substitution
10	Oct. 23 – Oct. 27	4.6, <b>EXAM III</b> , 5.1	4.6-Numerical Integration 5.1-The Natural Logarithmic Function: Differentiation
11	Oct. 30 –Nov.03 <b>Nov 3 Staff development</b>	5.2, 5.3, 5.4 <b>Drop with W</b>	5.2-The Natural Logarithms Function: Integration 5.3-Inverse Functions 5.4-Exponential Functions: Differentiation and Integration
12	Nov. 06 – Nov. 10	5.5, 5.6	5.5-Bases other than e and Applications 5.6-Inverse Trigonometric Functions: Differentiation
13	Nov. 13 – Nov. 17	5.7, <b>EXAM IV</b>	5.7-Inverse Trigonometric Functions: Integration
14	Nov. 20- Nov. 24	<b>Thanksgiving Break</b>	<b>Happy Holiday!!!!!!!!!!!!</b>
15	Nov.27 – Dec. 01	Review	Final Review
16	Dec. 04– Dec. 08	<b>final exam</b>	Final Exam Dec. 04-06.
17	Dec. 11 – Dec. 20		<b>Quality Enhancement Project</b>



