

El Paso Community College
Syllabus
Instructor's Course Requirements
Fall 2021

I. Course Number and Instructor Information

MATH 1332 CONTEMPORARY MATHEMATICS (QUANTITATIVE REASONING)
Prerequisite-Math 0301 with a "C" or better, or by placement test

INSTRUCTOR'S NAME: Leobardo Valera

CAMPUS AND OFFICE NUMBER: TBA

TELEPHONE NUMBER: (915) 267-7564

OFFICE HOURS: TR 7:00-8:00 and by appointment

II. Text and Materials

A. Required Text

Aufmann, Mathematical Excursions, Cengage, 4th Edition, Adopted 2018

B. Materials

Tutoring available on campus during a wide range of hours.

III. Course Requirements

A. Grading Scale

The Course grade will be determined by taking the total points earned dividing by the total possible number of points a student can earn, rounding to the nearest unit, and assigning a letter grade based on the following scale

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

B. Homework

Homework/quizzes will be given throughout the semester. The homework/quiz grade will be equivalent to one exam grade. No late homework will be accepted.

C. Exams

There will be five exams during the semester, and a comprehensive final exam. If it is to your advantage, the lowest grade of the five exams will be replaced with the final exam grade.

D. Make-up Exams

Make-Up exams or retests will not be given, except for special circumstances. No extra credit assignments will be provided to allow any student to improve his/her grade. A grade of zero (0) will be given if exam is not taken and/or prior arrangements made to take the exam. The test will be administered at convenient times during the semester at the discretion of the instructor. If a student misses two or more exams, the final grade will be "F".

IV. Instructor's Policies

A. 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 51) and EPCC [FMA-1 Student Disciplinary Procedure](#).

B. Attendance--Drops

It is the student's responsibility to attend class as per the schedule. It is also the student's responsibility to withdraw from the course for whatever reason. The instructor assumes no responsibility for student withdrawal from the course or for the completion of student's course work. The last day to withdraw with a **W** is **Friday, November 12, 2021**. Course expectations are outlined in this syllabus.

C. "I" Grade

A grade of an "I" (incomplete) will be assigned at the discretion of the instructor. An "I" may be given only to those students who do not meet the minimum speed requirement but who have completed all other assignments. An "I" will not be given to students who simply do not meet the deadlines. So in order to be eligible for this a student must have at least 80% of the course work completed with at least 75% average.

D. Children in the Classroom.

Children will not be allowed in the classroom.

V. CALENDAR FOR MATH 1332 (approximate)

WEEK	Dates	Activity	Section Titles
1	Aug. 23 – Aug. 29	1.1, 1.2, 1.3	1.1-Inductive and Deductive Reasoning 1.2-Problem Solving with Patterns 1.3-Problem Solving Strategies
2	Aug. 30 – Sept. 5	2.1, 2.2, 2.3	2.1-Basic Properties of Sets 2.2-Complements, Subsets, and Venn Diagrams 2.3-Set Operations
3	Sept. 6 – Sept. 12 September 6th –Institutional Holiday (No Class)	2.4,2.5 REVIEW, TEST 1	2.4-Applications of Sets 2.5-Infinite Sets
4	Sept. 13 – Sept. 19 September 16th – Professional Development Day	3.1, 3.2, 3.3	3.1- Logic Statements and Quantifies 3.2- Truth Tables, Equivalent Statements, and Tautologies 3.3-The Conditional and the Biconditional
5	Sept. 20 – Sept. 26	3.4, 3.5, 3.6	3.4-The Conditional and Related Statements 3.5-Symbolic Arguments 3.6-Arguments and Euler Diagrams
6	Sept. 27 – Oct. 3	Review, Test 2	
7	Oct. 4 – Oct. 10	6.1, 6.2, 6.3	6.1-Early Numeration Systems 6.2-Place Value Systems 6.3-Different Bases Systems
8	Oct. 11 – Oct. 17	6.4, 6.5, 6.6	6.4 – Arithmetic in Different Bases 6.5 – Prime Numbers 6.6 – Topics from Number Theor6
9	Oct. 18 – Oct. 24	Review, Test 3	
10	Oct. 25 – Oct. 31	7.1, 7.2, 7.3	7.1-Measurement 7.2-Basic Concepts of Euclidean Geometry 7.3-Perimeter and Area of Plane Figures
11	Nov. 1 – Nov. 7	7.4, 7.5	7.4-Properties of Triangles 7.5 Volume and Surface Area
12	Nov. 8 – Nov.14 November 11th –Institutional Holiday (No Class) November 12th – Last Day to DROP with a “W”	5.1, 5.2 Review, Test 4	5.1-Graphs and Euler Circuits 5.2- Weighted Graphs
13	Nov. 15 – Nov. 21	12.1, 12.2, 12.3	12.1 – The Counting Principle 12.2 – Permutations and Combinations 12.3 – Probability and Odds
14	Nov. 22 – Nov. 28 November 25th & 26th – Institutional Holiday (No Class)	13.1, 13.2, 13.3	13.1 – Measures of Central Tendency 13.2 – Measures of Dispersion 13.3 – Measures of Relative Position
15	Nov. 29 – Dec. 5	Review, Test5 Final Exam Review	
16	Dec. 6 – Dec. 10	FINAL EXAMS	

Date of Final Exam: _____