

El Paso Community College

Syllabus

Part II

Official Course Description

SUBJECT AREA	<u>Mathematics</u>
COURSE RUBRIC AND NUMBER	<u>NCBM 0103</u>
COURSE TITLE	<u>Math Extender 0103</u>
COURSE CREDIT HOURS	<u>1 1 :</u> Credits Lec Lab

I. Catalog Description

This course is a Non-Course-Based Option for students enrolled in Math 0303 Emporium course. Covers factoring and reviews Math 0303 topics. **Prerequisite: Completed all material leading up to week 13 in MATH 0303 during the semester of enrollment. (1:0).**

II. Course Objectives

Upon satisfactory completion of this course, the student will be able to:

- A. Unit I. Factoring
 - 1. Identify common factors in a polynomial.
 - 2. Factor quadratic polynomials by grouping and by using “trial factor.”
 - 3. Factor special polynomials (difference of two squares, sum or difference of two cubes, etc.)
 - 4. Solve equations by factoring.

- B. Unit II. Review of MATH 0303 Topics
 - 1. Solve equations and inequalities.
 - 2. Evaluate, graph, and find the equation of linear functions
 - 3. Graph inequalities in two variables.
 - 4. Solve systems of linear equations and linear inequalities.
 - 5. Add, subtract, multiply, and divide polynomials.

III. Evaluation

- A. Students will be assessed on Unit I and given a comprehensive final exam.
- B. The course grade will be assigned based on the following scale:
 - P (Pass)...100-70
 - NP (No Pass)...Below 69.
- C. For the attendance policy, refer to Part IV. of the Instructor’s Course Requirements.

IV. Disability Statement (Americans with Disabilities Act [ADA])

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 located: VV Rm C-112 (831-2426); TM Rm 1400 (831-5808); RG Rm B-201 (831-4198); NWC Rm M-54 (831-8815); and MDP Rm A-125 (831-7024).

V. 6 Drop Rule

Students who began attending Texas public institutions of higher education for the first time during the Fall 2007 semester or later are subject to a 6-Drop limit for all undergraduate classes. Developmental, ESL, Dual Credit and Early College High School classes are exempt from this rule. All students should consult with their instructor before dropping a class. Academic assistance is available. Students are encouraged to see Counseling Services if dropping because exemptions may apply. Refer to the EPCC catalog and website for additional information.

VI. Title IX and Sex Discrimination

Title 9 (20 U.S.C. 1681 & 34 C.F.R. Part 106) states the following "No person in the United States shall, on the basis of sex, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any educational program or activity receiving Federal financial assistance." The Violence Against Women Act (VAWA) prohibits stalking, date violence, sexual violence, and domestic violence for all students, employees and visitors (male and female). If you have any concerns related to discrimination, harassment, or assault (of any type) you can contact the Assistant to the Vice President for Student and Enrollment Services at 915-831-2655. Employees can call the Manager of Employee Relations at 915-831-6458. Reports of sexual assault/violence may also be reported to EPCC Police at 915-831-2200.