

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	<table style="margin-left: auto; margin-right: auto; border-collapse: collapse;"> <tr> <td style="text-align: center; border-bottom: 1px solid black;">1</td> <td style="text-align: center; border-bottom: 1px solid black;">1</td> <td style="text-align: center; border-bottom: 1px solid black;">0</td> </tr> <tr> <td style="text-align: center; font-size: small;">Credits</td> <td style="text-align: center; font-size: small;">Lec</td> <td style="text-align: center; font-size: small;">Lab</td> </tr> </table>	1	1	0	Credits	Lec	Lab
1	1	0					
Credits	Lec	Lab					

I. Catalog Description

The course is a Non-Course-Based Option for students enrolled in Math 0303 Emporium course. This course covers Factoring and a review of 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.