

El Paso Community College

Syllabus

Part II

Official Course Description

SUBJECT AREA	<u>Mathematics</u>
COURSE RUBRIC AND NUMBER	<u>NCBM 0105</u>
COURSE TITLE	<u>Math Extender 0105</u>
COURSE CREDIT HOURS	<u>1 1 :</u> <u>0</u>
	Credits Lec Lab

I. Catalog Description

The course is a Non-Course Based Option for students enrolled in Math 0305 Emporium course. This course covers exponential and logarithmic expressions and functions. **Prerequisite: Completed all material leading up to week 13 in Math 0305 during the semester of enrollment.**

II. Course Objectives

- A. Unit I. Exponential and Logarithmic Functions
1. Recognize the one-to-oneness of functions and inverse functions.
 2. Evaluate exponential and logarithmic functions.
 3. Graph exponential and logarithmic functions.
 4. Explain the inverse relationship of exponential and logarithmic functions.
- B. Unit II. Review of Math 0305 Topics
1. Solve equations by factoring.
 2. Identify, evaluate, simplify, and solve rational expressions and functions.
 3. Simplify, rationalize, evaluate, and solve equations containing complex numbers and radical expressions.
 4. Evaluate, solve, and graph quadratic equations, functions, and non-linear inequalities.

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.