

# MATH - DEVELOPMENTAL (MTHD)

---

## **MTHD 101. MATHEMATICS PLACEMENT LAB. 1 Credit.**

**Notes:** Does not count toward the 180 credit requirement. Graded Pass/No Credit.

This course includes a practice placement assessment, access to a math prep module for students to review math topics, study skill strategies, information on where to find mathematics assistance at EWU and an official mathematics placement assessment score for math registration purposes at EWU.

## **MTHD 103. BASIC ALGEBRA/COLLEGE STUDENTS. 5 Credits.**

**Notes:** does not count toward the 180 credit requirement.

Topics include algebraic properties of number systems, the algebra of polynomials, and algebraic, graphical and numerical solutions to equations of the first and second degree (as well as absolute value equations and literal equations).

## **MTHD 104. INTERMEDIATE ALGEBRA/COLLEGE STUDENTS. 5 Credits.**

**Notes:** does not count toward the 180 credit requirement.

**Pre-requisites:** approved score in MTHD 103 or mathematics placement assessment (MPA) or  $\geq C$  in approved transfer course.

**Satisfies:** completion of this course with a grade  $\geq C$  satisfies pre university basic skill.

Topics studied are linear equations and functions, linear systems of equations, exponential equations and functions and logarithmic equations. Problem solving, use of graphing tools, and quantitative and abstract reasoning are emphasized throughout the course.

## **MTHD 106. ALGEBRA REASONING. 5 Credits.**

**Notes:** intended for students who are planning to use MATH 107, MATH 208, or MATH 121 to complete the university proficiency in mathematics; does not count toward the 180 credit requirement.

**Pre-requisites:** approved score in MTHD 103 or placement test score equivalent to placement into MTHD 104.

**Satisfies:** completion of this course with a grade  $\geq C$  satisfies pre university basic skill.

This course leads to mastery of basic algebraic skills involving linear models, systems of equations, proportional reasoning, and exponential growth. Students develop reasoning skills in the areas of problem solving, unit conversion, graphical interpretation, and interpreting slopes.

## **MTHD 196. EXPERIMENTAL COURSE. 1-5 Credits.**

Experimental

## **MTHD 199. SPECIAL STUDIES. 1-5 Credits.**

**Notes:** does not count toward the 180 credit requirement.

**Pre-requisites:** permission of the instructor, department chair and college dean.

Special Studies.