

## **DEVELOPMENTAL EDUCATION COURSE DESCRIPTIONS**

The Academic Center for Excellence (ACE) offers courses for improving students' English Language Arts and Reading (ELAR) and math skills. Classrooms for these courses are on the second floor of Ferguson Hall.

**ENG 0109 ED 0300 Reading Review (0-0).** Students will review the course material for ENG 0309. They will then take the common course final. Passing the common course final makes the student reading clear for the Texas Success Initiative (TSI). Credit in this course cannot be used to satisfy requirements for any degree.

**ENG 0309 Basic Integrated Reading and Writing (3-0).** This course is designed for students whose score on an approved assessment instrument does not meet minimum requirements on the writing and/or reading portion of the assessment. Students will develop their writing and reading skills through exposure to writing and reading exercises. Topics include grammar, sentence structure, paragraph development, main ideas, supporting details, vocabulary, purpose, and tone. Credit in this course cannot be used to satisfy requirements for any degree. Student must earn a C or better to progress to ENG 0310.

**ENG 0310 Integrated Reading and Writing Skills (3-0).** This course is designed for students whose score on an approved assessment instrument does not meet minimum requirements on the writing and or reading portion of the assessment. The focus of the course is on applying critical reading skills for organizing, analyzing, and retaining material and developing written work appropriate to the audience, purpose, situation, and length of the assignment. The course integrates preparation in basic academic reading skills with the writing of a variety of academic essays. This course is part of the co-requisite support model with ENG 1301. Students enrolled in ENG 0310 must also be enrolled in ENG 1301 and must earn a grade of C or better in ENG 1301 to be considered TSI complete. Credit in this course cannot be used to satisfy requirements for any degree. Prerequisite: C or better in ENG 0309 or satisfactory score on placement exam.

**NCBO 0112 ELAR Tutoring (0-0).** Developmental education students enrolled in a college-level course through differentiated placement receive ELAR tutoring support.

**MATH 0314 Introduction to College Algebra (3-0).** This course is designed for students whose score on an approved assessment instrument does not meet minimum requirements on the mathematics portion of the assessment. Students who wish to earn a B.S. degree take MATH 1314. Topics included in the course are operations with polynomial expressions; methods for solving quadratic equations and inequalities; applications of quadratic equations; and the rectangular coordinate system and graphs of quadratic equations. This course is part of the co-requisite support model with MATH 1314. Students enrolled in MATH 0314 must also be enrolled in MATH 1314 and must earn a grade of C or better in MATH 1314. TSI completion in mathematics is determined by degree pathway in accordance with the institution's Developmental Education Plan. Some students may be required to complete additional co-requisite coursework aligned with their declared degree program before being considered TSI complete. Credit in this course cannot be used to satisfy requirements for any degree.

**MATH 0332 Introductory Contemporary Math (3-0).** This course is designed for students whose score on an approved assessment instrument does not meet minimum requirements on the mathematics portion of the assessment. Students who wish to earn a B.A. or B.FA (others with only one math requirement) take MATH 1332. Topics included in the course are problem-solving, counting, the real number system, sets, geometry, solutions of linear and quadratic equations, elementary probability, financial math, and the mathematics of voting and fair decision-making. This course is part of the co-requisite support model with MATH 1332. Students enrolled in MATH 0332 must also be enrolled in MATH 1332 and must earn a grade of C or better in MATH 1332. TSI completion in mathematics is determined by degree pathway in accordance with the institution's Developmental Education Plan. Some students may be required to complete additional co-requisite coursework aligned with their declared degree program before being considered TSI complete. Credit in this course cannot be used to satisfy requirements for any degree.

**MATH 0342 Introductory Statistical Methods (3-0).** This course is designed for students whose score on an approved assessment instrument does not meet minimum requirements on the mathematics portion of the assessment. Students who wish to earn a B.S. degree take MATH 1342. Topics included in the course are collection, analysis, presentation, and interpretation of data, and probability. Analysis includes descriptive statistics, correlation and regression, confidence intervals, and hypothesis testing. This course is part of the co-requisite support model with MATH 1342. Students enrolled in MATH 0342 must also be enrolled in MATH 1342 and must earn a grade of C or better in MATH 1342. TSI completion in mathematics is determined by degree pathway in accordance with the institution's Developmental Education Plan. Some students may be required to complete additional co-requisite coursework aligned with their declared degree program before being considered TSI complete. Credit in this course cannot be used to satisfy requirements for any degree.

**NCBO 0111 Math Tutoring (0-0).** Developmental education students enrolled in a college-level course through differentiated placement receive math tutoring support.