# BASIC SKILLS (BS)

**BS ABE01 Career Information and Guidance**
**0 Units**
Lecture: 1-90

Information on noncredit and credit enrollment procedures, college placement, assessment, and diagnostic test administration, test score interpretation and course eligibility, career assessment, exploration, and goal setting.

**BS ABE02 Adult Basic Education**
**0 Units**
Lecture: 1-288

Improve basic skills of adult learners. Content includes basic reading comprehension, language, and mathematics.

**BS ABE05 Career Development**
**0 Units**
Lecture: 4-90

Career preparation, assessment, and interest inventory. Exploration of career fields and employment opportunities. Resume writing, cover letter, interview skills, and employment portfolio. This course is designed for noncredit programs to facilitate transfer to credit courses and career readiness.

**BS ASVB1 ASVAB Preparation 1**
**0 Units**
Lecture: 1-150

General knowledge in five of the ten areas of the Armed Services Vocational Aptitude Battery (ASVAB) Exam for general science, word knowledge, paragraph comprehension, arithmetic reasoning, and math knowledge and test preparation skills.

**BS ASVB2 ASVAB Preparation 2**
**0 Units**
Lecture: 1-150

Higher level concepts in math reasoning, science skills, and vocabulary found on the Armed Services Vocational Aptitude Battery (ASVAB).

**BS BIO50 Biology Basic Skills**
**0 Units**
Lecture: 9

Basic skills needed for students to succeed in biological science classes. Topics include a contrast of the academic demands of science to non-science disciplines, preparation for biological laboratory experiences a well as lectures, development of personal study plan to manage the large volume of information, interpretation of biological graphs and diagrams, introduction to common Latin and Greek words to build vocabulary, use of memorization techniques, application of test-taking strategies for biological exams, especially lab practica, and analysis of test results. These techniques and strategies will be discussed using biological concepts and vocabularies as examples. Recommended to be taken concurrently with any biological science class.

**BS CNSL4 Orientation for Noncredit Programs**
**0 Units**
Lecture: 1-40

Orientation for noncredit programs including requirements, guidelines, eligibility, student success strategies, progress policies, appropriate student conduct, and educational planning for noncredit programs.

**BS CNSL5 Career and Life Planning for ESL**
**0 Units**
Lecture: 4-56

Career and life planning through self-exploration of student personality, interests, and values. Research occupational careers, labor markets, and educational requirements for different jobs. Goal-setting, decision-making, and cohesive teamwork. Job search skills using internet and other resources. Survey campus and community programs, degrees, and resources using the college catalog. Explore opportunities after ESL.

**BS EPCS English Preparation for College Success**
**0 Units**
Lecture: 4-75

Develops expository and argumentative essay and research paper formatting. Emphasizes critical reading of academic material for college coursework.

**BS HCM1 Transitional Math for Health Careers 1**
**0 Units**
Lecture: 4-288

Contextualized basic math to prepare for successful transition to health career programs including numeracy, fractions, decimals, unit conversion, ratios, and proportions to apply to dimensional analysis.

**BS HSEMA HSE Preparation: Mathematics**
**0 Units**
Lecture: 1-288

Improve mathematical knowledge and skills in preparation for the math section of High School Equivalency (HSE) exams (GED and HiSET). Test areas include number operations, algebra, statistics, and geometry.

**BS HSERL HSE Preparation: Reasoning through Language Arts**
**0 Units**
Lecture: 1-288

Reading comprehension and writing skills in preparation for the Language Arts section of High School Equivalency (HSE) exams (GED and HiSET). Test areas include reading comprehension, argument analysis and text comparison, grammar mechanics, and extended response development.

**BS HSESC HSE Preparation: Science**
**0 Units**
Lecture: 1-288

Improve scientific knowledge in preparation for the science section of High School Equivalency (HSE) exams (GED, and HiSET). Test areas include life science, physical science, and earth and space science.

**BS HSESS HSE Preparation: Social Studies**
**0 Units**
Lecture: 1-288

Social studies knowledge in preparation for sections of the High School Equivalency (HSE) exams (GED and HiSET). Exam areas include United States (U.S.) history, world history, geography, government, and economics.

**BS LRN01 Short-Term Review**
**0 Units**
Lecture: 1-80

Review of reading comprehension, writing and language skills, number operations, algebra, and geometry.

**BS LRN06 Personal Computer Applications**
**0 Units**
Lecture: 4-288

Current word-processing, spreadsheet, presentation, cloud computing, productivity, and collaboration software; personal and work online communication management, internet safety and digital footprint awareness, keyboarding, and basic computer skills improvement.

**BS LRN50 Learning Support Laboratory**
**0 Units**
Lab: 1-320

Learning and workplace skills are enhanced by computer use and instruction for students enrolled in or seeking enrollment in a college instructional program.

**BS MCCR Math for College and Career Readiness**
**0 Units**
Lecture: 4-140

Contextualized math course to prepare students for successful transition to college, apprenticeships, and employment. Topics include numeracy, fractions, decimals, unit conversion, ratios, proportions, algebra, measurement, and statistics.

**BS MPS Math Preparation for Statistics Success**
**0 Units**
Lecture: 4-75

Review of arithmetic and algebraic skills that are required to be successful in college statistics. Topics include the numerical operators including addition, subtraction, multiplication, and division as well as square roots, exponents, factorials, and sums. Conversion between fractions, decimals, and percent as it relates to probabilities and statistics. Graphing, solving, and interpreting linear equations and inequalities. Evaluate algebraic expressions using order of operations. Graph and interpret lines, their slope. Introduction into basic vocabulary and concepts of statistics. Emphasis on critical reading and thinking skills as they pertain to college statistics.

**BS MPSTM Math Preparation for BSTEM Success**
**0 Units**
Lecture: 4-75

Review of algebraic skills to be successful in BSTEM (Business, Science, Technology, Engineering, and Mathematics) courses. Topics of review include fundamental operations on algebraic expressions and functions; simplify polynomial and rational expressions; apply properties of exponents and evaluate exponential expressions and functions; and solve linear systems of equations with elimination, substitution, and matrix row operations.

**BS MTH01 Mathematics Concepts and Applications**
**0 Units**
Lab: 1-320

Hands-on activities and practical applications of algebra, calculus, analytical geometry, differential equations and statistics.

**BS RWCCR Reading and Writing for College and Career Readiness**
**0 Units**
Lecture: 4-80

Contextualized reading and writing course to prepare students for successful transition to apprenticeships, college, and career. Skimming and scanning, annotation, reading for main idea, reading strategies, sentence structure, summarizing versus responding, paragraph structure, paragraph types, reading charts and graphs, and vocabulary.

**BS STD80 Foundations for Academic Success**
**0 Units**
Lecture: 54

College success course emphasizing academic achievement that promotes learning through self-awareness, time management, listening, note-taking, oral and written communication, test-taking, memorization and the use of campus resources using a brain-based perspective.

**BS TE Topics in Engineering**
**0 Units**
Lecture: 8-16

Introduction to engineering topics and the engineering mindset, including engineering design and fabrication fundamentals as they relate to the broad engineering design process. Course will integrate beginning engineering project-based learning.

**BS TR01 All Subject Tutoring**
**0 Units**
Lab: 1-320

Assistance in writing, reading, mathematics, and study skills through tutoring and computer-based learning. Tutorial assistance in other subject areas may be available.