



SPSCC College in the High School Course Descriptions

CCS 101 Pathways to Success

Cultivates the mind-set and skills necessary for students to become confident, reflective, self-directing, and successful learners. Prerequisite: None.

CCS 102 Career Planning Seminar

Helps students prepare for careers by exploring resources for job preparation, networking, and professional development. Includes creating resumes, cover letters, and an appropriate social media presence. Eligible for ENGL 090 or above recommended. Prerequisite: None.

ENGL& 101 English Composition I

Develops strategies and techniques writers use to convey ideas and participate in multiple discourse communities. Focuses on both the process and product of composing. Prerequisite: Appropriate placement OR a "B-" or better in ENGL 095 OR a "C" or better in ENGL 098.

ENGL& 102 English Composition II

Develops reading, writing and critical thinking skills at the advanced level. Teaches how to write academic papers by researching issues; analyzing, evaluating and constructing arguments; documenting sources and using appropriate writing conventions. Prerequisite: Completion of ENGL& 101 with a "C" or better.

ENGL& 111 Introduction to Literature

Introduces the literary genres of poetry, prose fiction, and drama. Teaches foundational vocabulary and analytical strategies used when reading literature and writing critical interpretations. Prerequisite: Eligible for ENGL 098 or ENGL& 101.

BIOL& 160 General Biology w/Lab

Introduces foundational biological concepts including cell structure and function, metabolism, genetics, biotechnology, biological diversity, evolution, and ecology. Preparatory for further studies including BIOL& 211 and BIOL& 241. Prerequisite: None.

BIOL& 175 Human Biology w/Lab

Covers elementary anatomy and physiology of the human body. Appropriate for non-majors (not for Nursing or Biology majors). Core requirement for the Medical Assisting program. Prerequisite: None.

CHEM& 110 Chemical Concepts w/Lab

Surveys chemical concepts for non-science majors with a focus on practical applications of chemistry and the impact of chemistry on the environment, society, economy, and individual. Prerequisite: None.

CHEM& 121 Introduction to Chemistry

Introduces fundamentals of chemistry for those interested in nursing/allied health and those pursuing a non-science degree. Study of the classification, composition, calculations, and properties (both chemical and physical) of matter at the macroscopic, atomic and subatomic levels. Includes measurements and conversions, atomic structure, chemical bonding, chemical reactions, molar stoichiometry, and acid/base chemistry. Prerequisite: MATH 096 with a "C" or better.

MATH& 107 Math in Society

Explores a variety of mathematical topics presenting mathematics as a form of art and as a tool for understanding the world around us. Designed for non-science majors. Specific topics may be drawn from geometry, number theory, set theory, and the history of mathematics. Prerequisite: MATH 095 with a "C" or better or appropriate placement.

MATH& 141 Precalculus I

Covers power, exponential, and logarithmic functions and analytic geometry. Students who plan to pursue a Science, Engineering, or Math (SEM) pathway should take this course. Prerequisite: Appropriate placement or a "C" or better in MATH 099 or equivalent.

MATH& 142 Precalculus II

Covers trigonometric, polynomial, and rational functions and their applications. Prerequisite: Appropriate placement or a "C" or better in MATH& 141 or equivalent.

MATH& 146 Introduction to Statistics

Covers basic probability, descriptive statistics, and inferential statistics. Prerequisite: MATH 096 with a "C" or better or appropriate placement.

MATH& 151 Calculus I

Covers differential calculus of single-variable functions. Prerequisite: MATH& 142 with a "C" or better.

MATH1& 152 Calculus II

Covers integral calculus of single-variable functions. Prerequisite: MATH& 151 with a "C" or better.

NUTR& 101 Nutrition

Surveys the nutritional needs for individuals ranging from infants to adults. Emphasis is placed on the basic principles of nutrition. Particularly suitable for health occupation students. Prior high school chemistry or biology course or equivalent strongly recommended. Prerequisite: None.

PHYS& 114 General Physics I w/Lab

Introduces fundamental principles and applications of motion, gravitation, and energy. This is the first in the non-engineering physics sequence. Prerequisite: MATH 099 with a "C" or better or instructor's permission.

HIST& 127 World Civilization II

Examines world societies from roughly the Post-Classical era through the rise of the empires and the eve of the Age of Revolutions. Emphasizes societal interactions in the global theater, ideological and technological developments, and transitions of various cultures from approximately 200ce to Early Modern period of the mid-18th century. Prerequisite: None.

HIST& 128 World Civilization III

Examines world societies from roughly the 18th century to the present. Emphasizes societal interactions in the global theater, ideological and technological developments, and transitions of various cultures. Prerequisite: None.

HIST& 147 US History II

Covers the political, social, and cultural history of the United States from the Texas Revolution through World War I and the rise of the U.S. as a world power. Prerequisite: None

HIST& 148 US History III

Covers the political, social and cultural history of the United States from 1920 to the present. Prerequisite: None.