



THREE RIVERS COLLEGE

DUAL CREDIT COURSE DESCRIPTIONS

Not all courses are offered at all schools, so students will need to confirm your selections with your high school counselor or the dual credit coordinator.

COURSE	CREDIT HOURS	COURSE DESCRIPTION	COST
ACAD-101: Academic Life Strategies	3	This course aids the student by identifying his or her learning style, personality strengths, as well as the awareness of multiple and emotional intelligence while connecting the student to college resources and services. The student will gain knowledge of note taking, study techniques, exam strategies and their application to academic success. Students will demonstrate critical and creative thinking strategies to set goals, show workplace readiness, and communicate with others to create a diverse team dynamic.	\$198.00
AGRI-120: Plant Science	4	This course involves the study of scientific principles of plant anatomy, morphology, physiology, genetics, reproduction, and evolution. Emphasis is placed on agronomic, horticulture, and forestry crops.	\$264.00
AGRI-130: Animal Science	4	A general overview of cattle, sheep, swine, and horse industries. Topics include zoological classification, breed identification, selection fundamentals, digestive systems, and disease prevention.	\$264.00
AGRI-172: Integrated Pest Management	3	This course is the study of the management systems in agriculture used to prevent animal and plant pest populations from causing economic injury. Specific topics include pesticide history, chemical and biological controls, safety, machinery calibrations, and regulations.	\$198.00

ARTS-123: History and Appreciation of Art	3	This is an introductory course emphasizing the appreciation of the visual arts through the study of the art and architecture of various geographical areas and cultures throughout history from antiquity through contemporary artists. A select number of significant artists, artistic movements, and cultures are covered. The course examines how art reflects and influences cultures throughout history.	\$198.00
BIOL-101: General Biology	4	This course is a survey of the basic concepts of life science with emphasis on the human cell, tissues, and organ system functions and the relationship between humans and the environment.	\$264.00
BIOL-231: Anatomy and Physiology I	4	This course is a study of the relationship between the structure and function of the human body encompassing the cell, tissues, integumentary system, skeletal system, muscular system, and nervous system	\$264.00
BIOL-232: Anatomy and Physiology II	4	A study of the relationship between the structure and function of the human body. Systems studied include the circulatory, respiratory, reproductive, renal, digestive, immune/lymphatic, and endocrine.	\$264.00
CHEM-111: Introductory to Chemistry	4	This course covers basic terminology and principles of chemistry. Topics include chemical equations, mole concept, gas laws, atomic theory, chemical bonding, acid-base theory, solutions, and stoichiometry. Laboratory experiences reinforce the chemical principles presented in class. The course is recommended for non-science majors, Nursing students, and health-related professionals	\$264.00
CHEM-121: General Chemistry I	4	This course uses basic chemical principles in order to solve chemical problems. Topics include the atomic theory, stoichiometry, thermochemistry, chemical bonding, kinetic molecular theory, gas laws, solutions, and electrolytes. Laboratory work appropriate to these topics is also covered in the course. The course is recommended for science and engineering majors, Medical Laboratory Technology students and other health-related professionals. PREREQUISITE MATH 163	\$264.00

EDUC-201: Teaching Profession with Field Experience	3	<p>This course includes an introductory, minimum 30 hours of school field experience in accredited P-12 classroom(s) that provide opportunities to observe and contribute to teaching and learning. This course allows preservice teachers to connect first-hand school experience with an emerging professional knowledge base. The course develops professional knowledge of diverse educational settings through observation, instruction, experience, and reflection. This course is designed to assist students in determining if a career in teaching is an appropriate goal. Requirements for teacher preparation and certification are reviewed.</p> <p>PREREQUISITE: ENGL 111 WITH A "C" OR HIGHER.</p>	\$198.00
ENGL-111: College Writing	3	<p>This course introduces students to college-level writing and establishes standards for writing essays in the rhetorical modes. Expository writing is used as a basis for study and discussion with extensive practice in reading critically and improving essays through revision. Students also learn to conduct research using library and internet sources following MLA guidelines. Students should have basic keyboarding skills.</p>	\$198.00
ENGL-112: Advanced College Writing	3	<p>This course focuses on understanding and applying critical thinking to the improvement and development of the skills such as research, documentation, and argumentation established in previous courses in the college writing program. Students will learn and apply these skills to argumentative communication in terms of argument development as well as argument delivery. Students will also learn to differentiate between the knowledge and research related to various disciplines. They will practice these skills by using writing technique also specific to those disciplines.</p> <p>PREREQUISITE ENGL 111 WITH A MINIMUM LETTER GRADE C</p>	\$198.00
ENGL-221: World Literature To 1600	3	<p>This course is a survey of the backgrounds of the literature of the Western world from the ancient Near East, Mediterranean, and Western European regions before 1600 A.D. Students apply biographical, cultural, and historical contexts while they conduct literary research and evaluate and analyze literary works.</p> <p>PREREQUISITE ENGL 111 WITH A MINIMUM LETTER GRADE C</p>	\$198.00

ENGL-222: World Literature Since 1600	3	This course is a survey of the development of the literature of the Western world since the Renaissance, including influences from Europe and from colonial Asia and Africa. Students apply biographical, cultural, and historical contexts while they conduct literary research and evaluate and analyze literary works. PREREQUISITE ENGL 111 MINIMUM LETTER GRADE C	\$198.00
GOVT-121: National and State Government	3	This course is a survey of the federal government and the political system of the United States through its organization and function from colonial institutions through its present-day powerful development. This course satisfies the state legislative requirement for graduation. *Students registered for GOVT 121 will also be registered for GOVT 290 - Civics Achievement Exam.	\$198.00
HIST-111: American History to 1877	3	A general survey of the history of the United States from discovery and exploration through the Civil War and Reconstruction, emphasizing political, economic, social, and cultural factors.	\$198.00
HIST-112: American History since 1877	3	A general survey of the history of the United States from the period of the growth of big business following the Civil War to the present day, emphasizing political, economic, social, and cultural factors in the growth of America.	\$198.00
HIST-121: World Civilization to the Renaissance	3	This course is designed to provide the student with the essential information relating to the history of human civilization, how civilizations form, how they develop, and how they decline, and, possibly, cease to exist. In the process of this, the student demonstrates a level of competency relating to specific features of the civilizations, both those that rose to dominance and those that functioned in a less prominent role that have influenced humanity, past and present.	\$198.00
HIST-122: World Civilization since the Renaissance	3	This course is designed to provide the student with the essential information relating to the history of human civilization, how civilizations form, how they develop, and how they decline, and, possibly, cease to exist. In the process of this, the student demonstrates a level of competency relating to specific features of the civilizations, both those that rose to dominance and those that functioned in a less prominent role that have influenced humanity, past and present.	\$198.00

HPER-110: Lifetime Wellness	2	This course is designed to assist the student in recognizing psychosocial and physiological health issues in order to assess health status. In addition, the student is encouraged to explore attitudes about health-related matters and make informed decisions about health-enhancing behaviors.	\$132.00
MATH-161: Mathematical Reasoning & Model	3	The purpose of this course is to provide a comprehensive overview of the skills required to navigate the mathematical demands of modern life and prepare students for a deeper understanding of information presented in mathematical terms. Emphasis is placed on improving students' ability to draw conclusions, make decisions, and communicate effectively in mathematical situations that depend on multiple factors.	\$198.00
MATH-163: College Algebra for Calculus	3	A calculator-oriented course concerned with the properties of the various numbers systems, equations, inequalities, functions, and relations. This course is intended to prepare students for fields of study that require a high level of algebraic reasoning or calculus.	\$198.00
MATH-164: Trigonometry	3	This course is concerned with the 6 trigonometric functions and identities associated with them. The student learns how to prove or derive an identity, as well as how to solve a conditional trigonometric equation. One component of the course deals with solving right triangles. Another aspect is the conversion of degrees into radians and vice versa. Some applied problems are considered. PREREQUISITE MATH 163 MINIMUM LETTER GRADE C	\$198.00
MATH-171: Analytic Geometry & Calculus	5	This course is concerned with how to find the derivative or integral of a function. The process of finding the limit of a function is used to derive the derivative of a function and the definite integral of a function. Limits are also considered in their own right. Applications of differentiation and integration are considered. This course is the first course of a 3-course sequence dealing with calculus and plane analytic geometry. PREREQUISITE MATH 163 AND MATH 164 MINIMUM LETTER GRADE C	\$330.00
MATH-223: Probability and Statistics	3	Introduction to the basic concepts of statistics including descriptive measures of location and dispersion, elementary probability distributions, estimation, hypothesis testing, correlation, analysis of variance, and linear regression. In various units of the course, the student utilizes computer statistical software to facilitate the analysis of data	\$198.00

MUSC-123: History and Appreciation of Music	3	An introductory course designed to enhance the ability to appreciate Western art music. This course includes basic elements of music and artistic characteristics of composers, as well as listening to musical selections in order to identify composers and relevant historical trends. Students assess the cultural and musical content of an approved live musical performance.	\$198.00
PHYS-101: Physical Science	5	The course provides a study of basic concepts of physics, chemistry, astronomy, geology, and meteorology and their interrelation in the physical world. The course includes a laboratory experience. The course is intended for non-science majors only. The course requires a basic understanding of elementary algebra.	\$330.00
PSYC-111: General Psychology	3	General psychology addresses the basics of human development. The course analyzes psychological concepts and the various types of learning. Students will assess the relationship between brain development and behavior as it relates to psychological concepts.	\$198.00
PSYC-243: Human Dev. Across the Life Span	3	Human Development Across the Lifespan defines the systematic changes and continuities that fall into three broad domains: physical development, cognitive development, and psychosocial development. The course reviews the major theories of human development. This course also examines the individual in the context of the family, school, media, culture, and/or psychopathy.	\$198.00
SCOM-110: Public Speaking	3	This course is designed to introduce students to both the theories and application of oral communication. Students are instructed in interpersonal, group, organizational, and public communication contexts. A variety of exercises give students the opportunity to recognize and advance basic communication skills.	\$198.00
SOCI-111: General Sociology	3	Sociology is the scientific study of human groups. General Sociology provides sociological information (viewed from various sociological perspectives) about the foundations of society, social inequality, social institutions, and social change at both national and international levels.	\$198.00
SPAN-101: Elementary Spanish	3	This is an introductory course in the Spanish language. Students learn beginning vocabulary and develop basic listening, speaking, reading, and writing skills in the present tense in Spanish. Students are given the opportunity to actively communicate in Spanish as much as possible. They CATALOG 2020-2021 181 also gain knowledge about Spanish-speaking countries and culture.	\$198.00

SPAN-102: Elementary Spanish II	3	<p>Students learn more common vocabulary and continue to develop listening, speaking, reading, and writing skills in the present, future, and past tenses in Spanish. In-class exposure to Spanish is increased and opportunities to communicate in Spanish are more extensive. They obtain further knowledge of Hispanic cultures, as well.</p> <p>PREREQUISITE SPAN 101 MINIMUM LETTER GRADE C.</p>	\$198.00
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If you have any questions please reach out to Amanda Taylor, Dual Credit Coordinator, at ataylor@trcc.edu.