

# Dual Credit

## ANTHROPOLOGY

### Anthropology 101 - USCL

Prerequisite: At least a B average in college prep courses  
Grades: 10-12  
Credit: 1 unit/3 hours college credit through USCL  
Offered: USCL campus  
Fees: You may be required to purchase textbooks or materials

You'll explore human origins, human evolution, human prehistory and cultural existence from its less complex forms to early civilizations.

You'll also be introduced to the concepts, methods and data of physical, biological and archaeological anthropology.

### Anthropology 102 - USCL

Prerequisite: At least a B average in college prep courses  
Grades: 10-12  
Credit: 1 unit/3 hours college credit through USCL  
Offered: USCL campus  
Fees: You may be required to purchase textbooks or materials

You'll explore and compare contemporary cultures, including their languages.

You'll be introduced to the concepts, methods and data of socio-cultural anthropology and an

## ASTRONOMY

### Astronomy 101

Prerequisite: At least a B average in college prep courses  
Grades: 11-12  
Credit: 1 unit/3 hours college credit through York Tech  
Offered: York Tech campus  
Fees: You may be required to purchase textbooks or materials

You'll study the solar system.

## BIOLOGY

### Biology 101 - USCL

Prerequisite: At least a B average in college prep courses  
Grades: 11-12  
Credit: 1 unit/3 hours college credit through USCL  
Offered: USCL campus  
Fees: You may be required to purchase textbooks or materials

You'll be introduced to macromolecules, cell structure and function, genetics and molecular biology.

### BIO 105 - York Tech

Prerequisite: At least a B average in college prep courses  
Grades: 11-12  
Credit: 1 unit/3 hours college credit through York Tech  
Offered: York Tech campus  
Fees: You may be required to purchase textbooks or materials

You'll study the scientific method, basic biochemistry, cell structure and function, cell physiology, cell reproduction and development, mendelian genetics, population genetics, natural selection, evolution and ecology.

## CHEMISTRY

### Chemistry 101 - USCL

Prerequisite: At least a B average in college prep courses  
Grades: 11-12  
Credit: 1 unit/3 hours college credit through USCL  
Offered: USCL campus  
Fees: You may be required to purchase textbooks or materials

You'll survey basic solution chemistry.

## CRIMINAL JUSTICE

### Criminal Justice 101 - USCL

Prerequisite: At least a B average in college prep courses  
Grades: 11-12  
Credit: 1 unit/3 hours college credit through USCL  
Offered: USCL campus  
Fees: You may be required to purchase textbooks or materials

You'll survey crime and societal responses to crime,

including law enforcement, courts, corrections and the juvenile justice system.

## ECONOMICS

### Economics 221 - USCL

Prerequisite: At least a B average in college prep courses  
Grades: 11-12  
Credit: 1 unit/3 hours college credit through USCL  
Offered: USCL campus  
Fees: You may be required to purchase textbooks or materials

You'll study supply and demand, pricing and cost concepts, firm and consumer decision-making, market structure and government policies.

## EDUCATION

### Coaches in Training

Prerequisites: None  
Grades: 11-12  
Credit: 1 unit dual credit  
Offered: Lancaster

You'll cover the same materials as Teacher Cadet but with a coaching slant—you'll tutor a student and work with a classroom teacher to give you get more insight on the learner, teaching in the classroom, observing and field experience.

### Teacher Cadet

Prerequisite: 3.0 GPR/accepted application  
Grades: 11-12  
Credit: 1 unit dual credit  
Offered: Andrew Jackson, Buford, Indian Land, Lancaster  
Fee: You may be required to buy textbook; you must pay appropriate tuition in advance.

If you're a motivated student who wants to learn more about yourself and others, apply for Teacher Cadet.

You'll explore how you, teachers and the school help you learn, and you'll get first-hand teaching experience in an elementary, middle or high school classroom.

## ENGLISH

### English 101 - USCL (ELA 1, 2, 3)

Prerequisite: At least a B average in college prep courses  
Grades: 11-12  
Credit: 1 unit/3 hours college credit through USCL  
Offered: USCL campus  
Fees: You may be required to purchase textbooks or materials

You'll study strategies for critically reading and analyzing literature and non-literary texts; structured, sustained practice in composing expository and analytical essays.

### English 101 - York Tech

Prerequisite: At least a B average in college prep courses  
Grades: 11-12  
Credit: 1 unit/3 hours college credit through York Tech  
Offered: York Tech campus  
Fees: You may be required to purchase textbooks or materials

You'll study composition with appropriate literary selections.

You'll have frequent theme assignments to reinforce effective writing and review standard usage and the basic techniques of research.

### English 102 - USCL

Prerequisite: At least a B average in college prep courses & ENGL 101 with a grade of "C" or better, or equivalent credit  
Grades: 11-12  
Credit: 1 unit/3 hours college credit through USCL  
Offered: USCL campus  
Fees: You may be required to purchase textbooks or materials

You'll study and get intensive practice in researching, analyzing and composing written arguments about academic and public issues.

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### English 102 - York Tech

Prerequisite: At least a B average in college prep courses  
 Grades: 11-12  
 Credit: 1 unit/3 hours college credit through York Tech  
 Offered: York Tech campus  
 Fees: You may be required to purchase textbooks or materials

You'll develop writing skills through logical organization, effective style, literary analysis and research. You'll also be introduced to literary genre.

### FINANCE

### Finance 369 - USCL

Prerequisite: At least a B average in college prep courses  
 Grades: 11-12  
 Credit: 1 unit/3 hours college credit through USCL  
 Offered: USCL campus  
 Fees: You may be required to purchase textbooks or materials

You'll study life insurance, health insurance, wills, trusts, Social Security, stocks, bonds, real estate, mutual funds and other uses of funds.

### GEOLOGY

### Geology 101 - USCL

Prerequisite: At least a B average in college prep courses  
 Grades: 11-12  
 Credit: 1 unit/4 hours college credit through USCL  
 Offered: USCL campus  
 Fees: You may be required to purchase textbooks or materials

You'll study the origin and nature of the earth with emphasis on internal processes and phenomena such as earthquakes, volcanoes, and mountain building; surface processes, including landform evolution.

Note: Three lectures and three laboratory hours each week.

### Geology 103 - USCL

Prerequisite: At least a B average in college prep courses  
 Grades: 11-12  
 Credit: 1 unit/4 hours college credit through USCL  
 Offered: USCL campus  
 Fees: You may be required to purchase textbooks or materials

You'll analyze basic energy cycles of the earth and study how the interaction of human activity with earth processes to affect the environment.

### GOVERNMENT

### Government 201 - USCL

Prerequisite: At least a B average in college prep courses  
 Grades: 11-12  
 Credit: 1 unit/3 hours college credit through USCL  
 Offered: USCL campus  
 Fees: You may be required to purchase textbooks or materials

You'll study the formation and development of the national government, its organization and powers.

### HISTORY

### History 101 - USCL

Prerequisite: At least a B average in college prep courses  
 Grades: 11-12  
 Credit: 1 unit/3 hours college credit through USCL  
 Offered: USCL campus  
 Fees: You may be required to purchase textbooks or materials

You'll explore human origins, human evolution, human prehistory and cultural existence from its less complex forms to early civilizations.

You'll be introduced to the concepts, methods and data of physical, biological and archaeological anthropology.

### History 102 - USCL

Prerequisite: At least a B average in college prep courses  
 Grades: 11-12  
 Credit: 1 unit/3 hours college credit through USCL  
 Offered: USCL campus  
 Fees: You may be required to purchase textbooks or materials

You'll study European development and expansion from the mid-17th century to the present.

### History 108 - USCL

Prerequisite: At least a B average in college prep courses  
 Grades: 11-12  
 Credit: 1 unit/3 hours college credit through USCL  
 Offered: USCL campus  
 Fees: You may be required to purchase textbooks or materials

You'll study the development of science and technology and their roles in world civilizations from antiquity to the present.

### History 111 - USCL

Prerequisite: At least a B average in college prep courses  
 Grades: 11-12  
 Credit: 1 unit/3 hours college credit through USCL  
 Offered: USCL campus  
 Fees: You may be required to purchase textbooks or materials

You'll get a general survey of the United States from the era of discovery to 1865 with an emphasis major political, economic, social and intellectual developments.

### History 112 - USCL

Prerequisite: At least a B average in college prep courses  
 Grades: 11-12  
 Credit: 1 unit/3 hours college credit through USCL  
 Offered: USCL campus  
 Fees: You may be required to purchase textbooks or materials

You'll get a general survey of the United States from 1865 to the present, emphasizing major political, economic, social and intellectual developments.

## INFORMATION TECHNOLOGY SYSTEMS

### IST 201 - York Tech

Prerequisite: At least a B average in college prep courses. Ask your guidance counselor about other prerequisites.  
 Grades: 11-12  
 Credit: 1 unit/3 hours college credit through York Tech  
 Offered: York Tech campus  
 Fees: You may be required to purchase textbooks or materials

You'll study current and emerging computer networking technology.

You'll learn about safety; networking, network terminology and protocols, network standards, LANs; WANs, OSI models, cabling, cabling tools, Cisco routers, router programming, STAR topology and IP addressing.

### IST 202 - York Tech

Prerequisite: At least a B average in college prep courses. Ask your guidance counselor about other prerequisites.  
 Grades: 11-12  
 Credit: 1 unit/3 hours college credit through York Tech  
 Offered: York Tech campus  
 Fees: You may be required to purchase textbooks or materials

You'll continue your study of LANs, WANs, OSI models, ethernet, token ring, fiber distributed data interface TCP/IP addressing protocol, dynamic routing, routing, and the network administrator's role and function.

### IST 203 - York Tech

Prerequisite: At least a B average in college prep courses. Ask your guidance counselor about other prerequisites.  
 Grades: 11-12  
 Credit: 1 unit/3 hours college credit through York Tech  
 Offered: York Tech campus  
 Fees: You may be required to purchase textbooks or materials

You'll study advanced configuring cisco routers.

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### IST 204 - York Tech

Prerequisite: At least a B average in college prep courses. Ask your guidance counselor about other prerequisites.

Grades: 11-12

Credit: 1 unit/3 hours college credit through York Tech

Offered: York Tech campus

Fees: You may be required to purchase textbooks or materials

You'll learn to troubleshoot network problems.

### MATH

### MAT 101 - York Tech

Prerequisite: At least a B average in college prep courses. Ask your guidance counselor about other prerequisites.

Grades: 11-12

Credit: 1 unit/3 hours college credit through York Tech

Offered: York Tech campus

Fees: You may be required to purchase textbooks or materials

You'll study operations with signed numbers; addition, subtraction, multiplication, and division with algebraic expressions; factoring; techniques for solving linear and fractional equations.

You'll also be an introduced to graphing.

### MAT 103 - York Tech

Prerequisite: At least a B average in college prep courses. Ask your guidance counselor about other prerequisites.

Grades: 11-12

Credit: 1 unit/3 hours college credit through York Tech

Offered: York Tech campus

Fees: You may be required to purchase textbooks or materials

You'll develop quantitative reasoning and critical-thinking skills.

You'll study logic and computers, probability and statistics, financial mathematics and additional applications selected to address areas of contemporary interest.

### MAT 120 - York Tech

Prerequisite: At least a B average in college prep courses. Ask your guidance counselor about other prerequisites.

Grades: 11-12

Credit: 1 unit/3 hours college credit through York Tech

Offered: York Tech campus

Fees: You may be required to purchase textbooks or materials

You'll study introductory probability and statistics, including organization of data, sample space concepts, random variables, counting problems, binomial and normal distributions, central limit theorem, confidence intervals.

You'll also test hypothesis for large and small samples, types i and ii errors, linear regression and correlation.

### MUSIC

### MUS 105 - York Tech

Prerequisite: At least a B average in college prep courses. Ask your guidance counselor about other prerequisites.

Grades: 11-12

Credit: 1 unit/3 hours college credit through York Tech

Offered: York Tech campus

Fees: You may be required to purchase textbooks or materials

Your studies will focus on the elements of music and their relationships, the musical characteristics of representative works and composers, and common musical forms and genres of western and non-western historical style periods.

You'll also get appropriate listening experiences.

### Music 110 - USCL

Prerequisite: At least a B average in college prep courses

Grades: 11-12

Credit: 1 unit/3 hours college credit through USCL

Offered: USCL campus

Fees: You may be required to purchase textbooks or materials

You'll learn to listen perceptively and appreciate musical elements, forms

and style periods, including composers' lives, individual styles and representative works.

Your studies will focus on classical music with jazz and American popular music included.

### PHILOSOPHY

### Philosophy 102 - USCL

Prerequisite: At least a B average in college prep courses

Grades: 10-12

Credit: 1 unit/3 hours college credit through USCL

Offered: USCL campus

Fees: You may be required to purchase textbooks or materials

You'll be introduced to the main issues of philosophy and its methods of inquiry, analysis and criticism.

You and your parents must attend an orientation at USCL as part of registration. You'll be encouraged to further your studies in psychology.

### PHYSICS

### Physics 201 - USCL

Prerequisite: At least a B average in college prep courses

Grades: 11-12

Credit: 1 unit/3 hours college credit through USCL

Offered: USCL campus

Fees: You may be required to purchase textbooks or materials

You'll be taking the first part of an introductory course sequence.

Your studies will include mechanics and selections from wave motion, sound, fluids and heat.

You don't need a previous background in physics but you must have taken these prerequisites: MATH 111, 111, 112, 115, 116, 122, 141 or higher with a grade of C or better (or by placement score into MATH 122, 141 or higher.)

### POLITICAL SCIENCE

### Political Science 201 - USCL

Prerequisite: At least a B average in college prep courses

Grades: 11-12

Credit: 1 unit/3 hours college credit through USCL

Offered: Andrew Jackson, Buford, Indian Land, Lancaster

Fees: You may be required to purchase textbooks or materials

You'll explore principal forces and factors influencing world affairs, with emphasis on the United States' role in resources, food, arms control, human rights, the environment, rich and poor countries, immigration and refugees.

You must complete USCL admission requirements, pay appropriate fees and purchase required materials.

You'll attend classes with a class facilitator at your school while your professor teaches by distance education from another site.

You and your parents should attend an USCL orientation as part of registration.

This course will not count as the required government unit.

### PSYCHOLOGY

### Psychology 101 - USCL

Prerequisite: At least a B average in college prep courses

Grades: 11-12

Credit: 1 unit/3 hours college credit through USCL

Offered: USCL campus

Fees: You may be required to purchase textbooks or materials

You'll be introduced to and survey the basic concepts and findings in psychology.

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### PSY 201 - York Tech

Prerequisite: At least a B average in college prep courses. Ask your guidance counselor about other prerequisites.

Grades: 11-12

Credit: 1 unit/3 hours college credit through York Tech

Offered: York Tech campus

Fees: You may be required to purchase textbooks or materials

You'll learn concepts in the science of behavior, including scientific method, biological bases for behavior, perception, motivation, learning, memory, development, personality, abnormal behavior, therapeutic techniques and social psychology.

### SOCIOLOGY

#### Sociology 101 - USCL

Prerequisite: At least a B average in college prep courses

Grades: 11-12

Credit: 1 unit/3 hours college credit through USCL

Offered: USCL campus

Fees: You may be required to purchase textbooks or materials

You'll be introduced to sociological facts and principles, including an analysis of group-making processes and products.

### SPANISH

#### Spanish 109 - USCL

Prerequisite: At least a B average in college prep courses

Grades: 11-12

Credit: 1 unit/3 hours college credit through USCL

Offered: USCL campus

Fees: You may be required to purchase textbooks or materials

You'll be introduced to grammar and practical vocabulary necessary for fundamental communication skills.

### SPEECH

#### SPC 205 - York Tech

Prerequisite: At least a B average in college prep courses. Ask your guidance counselor about other prerequisites.

Grades: 11-12

Credit: 1 unit/3 hours college credit through York Tech

Offered: York Tech campus

Fees: You may be required to purchase textbooks or materials

You'll be introduced to principles of public speaking with application of speaking skills through individual and group presentations.

#### Speech 140 - USCL

Prerequisite: At least a B average in college prep courses

Grades: 11-12

Credit: 1 unit/3 hours college credit through USCL

Offered: USCL campus

Fees: You may be required to purchase textbooks or materials

You'll be introduced to theory and practice of oral communication in public, social and institutional contexts.

Your study will include foundational and cumulative training in the invention, performance and critical analysis of oral communication, with emphasis on argumentation, persuasion, audience analysis, delivery and ethical forms of engagement.