

DL College Courses



DISTANCE LEARNING 2025-2026

PORT BYRON CENTRAL SCHOOL DISTRICT



INTERACTIVE VIDEO COURSES ARE OFFERED IN COLLABORATION WITH CAYUGA AND ONONDAGA COMMUNITY COLLEGE, CITI BOCES, CAYUGA AND ONONDAGA COMMUNITY COLLEGE. ONLINE COLLEGE COURSES ARE OFFERED THROUGH CAYUGA COMMUNITY COLLEGE.

STUDENTS INTERESTED IN DISTANCE LEARNING COURSES SHOULD CONTACT SCHOOL COUNSELORS • DISTANCE LEARNING COURSES ARE AT M



★ Interactive Video and Online College Courses ★

7:40-8:55 LIVE Video
Criminal Justice

9:10-10:17 LIVE Video
Health Science

10:44-11:50 LIVE Video
American Sign Language

1:05-2:15 LIVE Video
Advanced Manufacturing

ONLINE

CCC CJ 111 Introduction to Justice Systems	CCC BIO 203 Anatomy & Physiology 1	OCC ASL 101 American Sign Language 1	CCC ENGR 103 Manufacturing Materials and Processes	CCC HLTH 104 Personal Health
CCC SOC 101 Introductory Sociology	CCC PSY 101 Introductory Psychology	OCC COM 220 Interpersonal Communication	CCC ELEC 101 Electrical Circuits	CCC HLTH 104 Personal Health
ONLINE CCC HLTH 104 - Personal Health				
CCC CJ 160 Introduction to Security	CCC BIO 204 Anatomy & Physiology 2	OCC ASL 102 American Sign Language 2	CCC ENGR 230 Fluid Systems Design	CCC HLTH 104 Personal Health
CCC PSY 101 Introductory Psychology	CCC SOC 101 Introductory Sociology	OCC COM 210 Public Speaking	CCC ELEC 105 Digital Electronics	CCC HLTH 104 Personal Health
Summer Classes are ONLINE				
CCC HLTH 104 - Personal Health	CCC PSY 101 - Introductory Psychology	CCC SOC 101 - Introductory Sociology	CCC HLTH 104 - Personal Health	CCC HLTH 104 - Personal Health

To maximize schedules, students should consider taking all courses in a pathway for the full year.

For example, all courses in the Criminal Justice pathway each day for the FALL and SPRING semester will result in 12 college credits. If a student does not wish to enroll in one of the pathway interactive video courses, the student may choose to enroll in an online course opposite the interactive video course. Intersession and Summer Courses are optional and could result in 18 college credits in one year. Additional online courses are available for students with study halls.

Students are limited to one additional online college course per semester.



★ Interactive Video and Online College Courses ★

7:40-8:55 LIVE Video	9:10-10:17 LIVE Video Education	10:44-11:50 LIVE Video Art	1:05-2:15 LIVE Video Business	ONLINE
CCC ECON 201 Introduction to Economics I	EDU 202 Foundations of American Education	ART 215 Computer Graphics/Illustrator	BUS 103 Principles of Business	CCC HLTH 104 Personal Health
HIST 101 Western Civ I	SD 101 Career and Life Planning		BUS 105 Business Math	CCC HLTH 104 Personal Health
ONLINE CCC HLTH 104 - Personal Health				

CCC PSCI 102 American Government	PSY 101 Introductory Psychology	ART 252 Photoshop	BUS 204 Marketing	CCC S Introducto CCC I Principles CCC I Developme S CCC I Child P CCC Crim CCC H Person
HIST 102 Western Civ 2	PSY 217 Introduction to Children with Exceptionalities		BUS 106 Consumer Math	
<div> <div> CCC HLTH 104 - Personal Health </div> <div> Summer Classes are ONLINE CCC PSY 101 - Introductory Psychology </div> <div> CCC SOC 101 - Introductory Social </div> </div>				

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ART 215 – Computer Graphics / Illustrator

Cayuga CC - 3 college credits

The studio course introduces the basic techniques of digital painting and digital imaging. Students will create original imagery using Adobe Illustrator, input imagery created in another medium, and manipulate photographic imagery. Students will create and manipulate images based on formal design principles and conceptual frameworks.

Delivered via Interactive Video

ART 252 – Photoshop

Cayuga CC - 3 college credits

Lectures, demonstrations and hands-on activities will enable students to discover the basic theory and application of Adobe Photoshop. Students will complete a series of aesthetically inspired assignments pertaining to captured images, processing and manipulating digital images. Images created will be displayed using a computer monitor or outputted to a printer for critique. (AR), (ARTS)

Delivered via Interactive Video

ASL 101 American Sign Language 1

Onondaga CC - 3 college credits

This course is designed for students with little or no previous knowledge of American Sign Language. Students acquire basic grammar and lexical skills that will enable them to communicate in routine social or professional situations within an authentic cultural context. Topics may include, but are not limited to, the following: biographical information, relationships, preferences, leisure activities and making plans for the future.

Delivered via Interactive Video

ASL 102 American Sign Language 2

Onondaga CC - 3 college credits

Prerequisite: ASL 101

This course is a sequel to American Sign Language I. It builds upon the basic grammatical, linguistic, communicative and cultural concepts learned in ASL 101. Students learn to communicate in the context of an increasing number of daily life topics. Topics may include, but are not limited to the following: daily routines, hobbies, food, clothing and other belongings, health and emergencies, and the workplace.

Delivered via Interactive Video

BIOL 203 Anatomy and Physiology I

Cayuga CC - 4 college credits

Prerequisite: High School Biology, BIOL 100, 101, 103 or equivalent.

Human cell, tissues, skeleton system, muscle physiology, nervous system, special and somatic senses. While this is a synchronous (LIVE) course, additional asynchronous work time will be needed to complete the requirements for a 4 credit course to meet the required seat time.

Delivered via Interactive Video

BIOL 204 Anatomy and Physiology II

Cayuga CC - 4 college credits

Prerequisite: BIOL 203.

Continuation of the study of human anatomy and physiology. Topics include circulatory, respiratory, urinary, endocrine, reproductive and digestive systems and water, electrolyte and pH balance. While this is a synchronous (LIVE) course, additional asynchronous work time will be needed to complete the requirements for a 4 credit course to meet the required seat time.

Delivered via Interactive Video

BUS 103 Principles of Business

Cayuga CC - 3 college credits

Overview includes foundations of American business, forms of enterprise, organizing for business, fundamentals of management, the production of goods and services, human relations, union-management relations, marketing, accounting, finance, money and banking, securities and investments, government relations and business law.

Delivered via Interactive Video or Online

BUS 105 – Business Mathematics

Cayuga CC - 3 college credits

Focuses on basic math combinations and shortcuts; problems in buying and selling items, including markups, markdowns, percentages and discounts; preparation of banking and payroll records; and computation of simple interest and note discounts.

Delivered via Interactive Video

BUS 106 Consumer Math

Cayuga CC - 3 college credits

Prerequisite: BUS 101 or 105. Reviews basic operations, installment buying, real estate, taxes and insurance, investments, financial statements, basic statistics, present value, annuities and sinking funds.

Delivered via Interactive Video

BUS 204 Marketing

Cayuga CC - 3 college credits

Recommended background: BUS 103. The concept of market strategy planning includes segmentation and forecasting of consumer and organizational markets. Marketing mix variables include product life cycles, packaging, branding, pricing objectives and strategies, physical distribution, retailing, wholesaling, advertising, public relations, sales promotion, personal selling, marketing environment, marketing research, and management processes.

Delivered via Interactive Video

CAY 101 Foundations for College Success

Cayuga CC - 3 college credits

Cayuga 101 is designed to increase students' success in college. The purpose of the course is for students to be able to understand, evaluate, and plan to navigate critical aspects of college life at Cayuga Community College. This course will help students achieve success in college and in life by following the eight On Course principles: personal responsibility, self-motivation, self-management, interdependence, self-awareness, lifelong learning, emotional intelligence and belief in themselves. Additionally, this course will create opportunities for students to master effective study skills. Through readings, journals, class activities, group projects and a comprehensive final project, students will learn about college expectations, using many proven strategies for creating academic, professional and personal success. Three contact hours weekly. Note: CAY 100 or 101 may be required based on academic preparation and placement test results.

ONLINE ONLY

CJ 111 Introduction to Justice Systems

Cayuga CC - 3 college credits

Comprehensive survey of justice systems including historical, organizational, social, functional, and administrative aspects. Provides the background and principles to introduce students to succeeding in specialized courses.

Delivered via Interactive Video

CJ 115 Criminal Law

Cayuga CC - 3 college credits

Provides the student with a working knowledge of the NYS Penal Law, its application and enforcement, and its introduction into the court system. Also instructs the student on selected NYS Criminal Procedural Law sections that are applicable in the instruction of the Penal Law.

ONLINE ONLY

CJ 160 – Introduction to Security (3)

Cayuga CC - 3 college credits

An introduction course to the legal, philosophical and historical concepts of the security field. An examination of the origins and development of security, educational institutional security, hospital security, business security, premise security and retail and loss prevention security will be examined. Investigative, risk analysis, security concerns and homeland security will also be discussed. Emphasis will be on organizational relations and security awareness.

Delivered via Interactive Video

COMM 130 Human Communications

Cayuga CC - 3 college credits

This course introduces students to communication studies. It surveys topics in human perception, language, relationships, face-to-face, and mediated communications. Models for effective communication are explored in various contexts and cultures.

ONLINE ONLY

COM 210 Public Speaking

Onondaga CC - 3 college credits

Public Speaking is a course designed to acquaint the student with the basic theories and skills of public discourse. Course content includes the importance of audience analysis and adaptation, how to choose an appropriate topic, organization, speech purpose and delivery, and critical analysis of discourse. Word study, effective language use, effective non-verbal skills and critical listening skills are also stressed.

Delivered via Interactive Video

COM 220 Interpersonal Communication

Onondaga CC - 3 college credits

This introductory course is designed to acquaint students with the communication skills needed to succeed both

academically and socially. Course content includes communication theory, perception, verbal and non-verbal communication, effective listening, assertiveness, awareness of the self as communicator, interpersonal problem-solving, and relational communication. Emphasis is placed on class discussion as a tool for learning and practicing the skills presented in class.

Delivered via Interactive Video

ECON 102 Personal Finance

Cayuga CC - 3 college credits

For students who desire knowledge in managing their personal finances. Topics include budgeting; saving; borrowing; home purchasing; automobile purchasing; life, auto, and home insurance; health, disability and retirement programs; estate planning; and investing.

ONLINE ONLY

EDU 202 Foundations of American Education

Cayuga CC - 3 college credits

Examines issues of education and the social, historical, philosophical, political, and cultural foundations which influenced their development; also examines the social purposes of education through social and behavioral sciences; explores the impact of social differences on education; helps the student develop a personal philosophy of education; and examines the relationship of schooling to democratic principles. Students must complete 20 hours of observation in classrooms based on their chosen area of interest: Childhood-1st through 6th grade or Adolescence-7th through 12th grade. Students observe 2 hours per week for the entire semester.

Delivered via Interactive Video

ELEC 101 Electrical Circuits

Cayuga CC - 4 college credits

Prerequisite or co-requisite: MATH 102. Focuses on the general principles of DC and AC circuitry with emphasis on the use of multimeters and oscilloscopes. Introduces a computer simulation program to aid the students in validating their experimental results and developing troubleshooting skills. Required of students enrolled in Electrical Technology and recommended to all students desiring a beginning course in electronics. No prior electronics knowledge is necessary. While this is a synchronous (LIVE) course, additional asynchronous work time will be needed to complete the requirements for a 4 credit course to meet the required seat time.

Delivered via Interactive Video

ELEC 105 Digital Electronics

Cayuga CC - 4 college credits

Prerequisite or co-requisite: MATH 102. Concentrates on digital integrated circuits including logic gates, arithmetic circuits, flip-flops, latches, registers, and memories. Focuses on schematic analysis of a simple digital computer to complement the students' troubleshooting development and understanding of the application of digital circuits. Emphasis on logic pulsers and probes test equipment for the laboratory work, and logic analyzers for the computer simulation experiments. No prior electronics knowledge is necessary. While this is a synchronous (LIVE) course, additional asynchronous work time will be needed to complete the requirements for a 4 credit course to meet the required seat time.

Delivered via Interactive Video

ENGR 103 Manufacturing Materials and Processes

Cayuga CC - 3 college credits

This course introduces the materials and manufacturing processes with which the designer, technician, and engineer must be familiar. The course provides an overview of manufacturing processes including casting and molding, bulk deformation, and material removal processes. The engineering properties of ferrous, nonferrous and non-metallic materials are studied. Topics include metal structures and metallurgy; testing of engineering materials, and

enhancement of material properties through heat treatment and other processes. Lab activities include the use of material testing equipment.

Delivered via Interactive Video

ENGR 230 Fluid Systems Design

Cayuga CC - 3 college credits

This course instructs students in the design principles and industry standards required for fluid systems. Course topics include pipe, fitting and valve specification; process equipment; pipe support and instrumentation; the fundamental principles of fluid mechanics; and hydraulic and pneumatic system equipment, principles and design.

Delivered via Interactive Video

HLTH 104 Personal Health

Cayuga CC - 3 college credits

An in-depth course in maintaining lifelong good health examines emotional health, drug education, family health, personal fitness, disease, consumer, and environmental health.

ONLINE ONLY

HIST 101 – Western Civilization I

Cayuga CC - 3 college credits

Topical approach to Western civilization addresses political, social, intellectual and economic issues that extend beyond past politics and chronologies to increase understanding of the historical record. The course focuses on European cultures from classical antiquity to the 17th century and may extend further for in-depth historical treatment. Topics serve as case studies from which to evaluate the present.

Delivered via Interactive Video

HIST 102 – Western Civilization II

Cayuga CC - 3 college credits

Surveys major developments in European history from the 17th century to the present. Some topics may extend further for an in-depth perspective. Focuses on the behavior of the many as well as the notable few. Topics serve as case studies from which to evaluate the present. Non-European peoples are of concern only as they and their histories impinge on the development of European culture.

Delivered via Interactive Video

HIT 120 Medical Terminology

Onondaga CC - 3 college credits

This course will provide a detailed study of the meaning of medical terms that relate to medical science and human anatomy. Medical specialties including pathology, radiology, and pharmacology, as well as abbreviations used in the healthcare field, will be covered. In addition to definitions, pronunciation and spelling will be emphasized.

ONLINE ONLY

PSY 101 Introductory Psychology

Cayuga CC - 3 college credits

Basic orientation to the psychology of human behavior. Studies the aims and methods of psychological investigation and measurement, and biological and social influences on behavior. It also focuses on learning, motivation, emotion, perception, and personality development.

Delivered via Interactive Video or Online

PSY 212 Developmental Psychology - Life Span

Cayuga CC - 3 college credits

Prerequisite: PSY 101. Introduction to the foundations of human development across the life span. Developmental

processes and issues characterizing various stages of aging are studied, with attention to the interrelationships of the various stages and intergenerational issues.

ONLINE ONLY

PSY 215 Child Psychology

Cayuga CC - 3 college credits

Prerequisite: PSY 101. Examines human growth and development from conception to puberty. Students are exposed to a scientific perspective regarding theory and research in the areas of physical, cognitive and psychosocial development. Topics include childbirth, language development, child abuse and parenting styles.

ONLINE ONLY

PSY 217 Introduction to Children with Exceptionalities

Cayuga CC - 3 college credits

Prerequisite: PSY 101. Focusing on working with children in an educational setting, this course introduces students to the various exceptionalities, characteristics of children with exceptionalities, federal and state laws, educational implications, and strategies for working effectively with families and other professionals. Off-campus observations may be required with students providing their own transportation.

Delivered via Interactive Video

SD 101 Career and Life Planning with an Education Focus

Cayuga CC - 3 college credits

Provides a systematic method for making career and life style decisions. Presents a structured method for practicing effective decision-making skills, clarifying one's values and learning job-hunting techniques. Examines other topics that influence life and career choices such as goal setting, stress management and communication styles. Individuals develop personal strategies for short- and long-term educational and career planning.

Delivered via Interactive Video

SOC 101 Introductory Sociology

Cayuga CC - 3 college credits

Introduces sociology as a science concerned with relationships, institutions, organizations, and the physical environment. Outlines the major theories as a basis for sociological perspectives on social issues. Covers the origins of sociology as a science, diverse patterns of social organization from a global perspective, the nature and substance of cultural systems and social institutions, and sociological perspectives in analyzing trends in human society.

Delivered via Interactive Video or Online