

CAP COURSES

Do you want to SAVE MONEY and TIME? Once you have completed your sophomore year, consider signing up for CAP classes...what are CAP classes? The CAP (College Advancement Program) program offered by Clinton Community College enables high school students to receive simultaneously, both high school and college-level course credit, offering a successful transition from one educational experience to another. You will save up to 66% off college tuition, most books/supplies are paid for by the high school (or supplied by CCC), earn high school and college credit at the same time while taking a .high school CAP class, receive all the on-campus benefits (free use of gym, video equipment sign out, computer lab and library access), and much more. You will receive a college transcript after completion of each CAP class directly from CCC. Credits will transfer to most other colleges and universities; however, students are advised to check with the college (s) they are considering regarding transferability. **All students registering for CAP must have an 80 or above overall average and be entering their junior or senior year of high school in addition to meeting all individual course pre-requisites.** A CAP representative will visit Peru School each semester to register interested students for the CAP Program.

CAP COURSE DESCRIPTIONS

The following courses are available for college credit through the College Advancement Program at Peru Central School District:

ART

ART 103: INTRODUCTION TO DRAWING
3 CREDITS
Year

The purpose of this class is to introduce students to basic drawing materials and to gain greater insight, sensitivity, and understanding of the Art of Drawing.

ART 111: PHOTOGRAPHY I
3 CREDITS
Year

This course is a lecture/laboratory course in which the beginner learns the use and function of the camera and lens. The course explores the aesthetics of photography and good photographic technique. Most experiences will occur in a digital dark room, with some in a wet dark room.

BUSINESS

ACC 101: PRINCIPLES OF ACCOUNTING I
4 CREDITS
Year

Prerequisite:

1. English requirement

- 90 or higher on English 11 regents **OR**
- English portion of SAT-500 of higher **OR**
- English portion of ACT-20 or higher **OR**
- CCC placement test recommendation

2. Math requirement

- Successful completion of entire Algebra 2 & Trigonometry R course **OR**

- Math portion of SAT-500 or higher OR
- Math portion of ACT-20 of higher OR
- Integrated Algebra Regents score of 85 or higher OR
- CCC placement test recommendation

Introduces the basic principles of accounting theory and practice, emphasizing the sole-proprietorship form of business. Primary areas of study include the theory of debit and credit, accounts and special journals, the accounting cycle, notes and interest, accruals and deferrals, receivables, inventory, plant assets, and the preparation of financial statements.

ACC 151: PRINCIPLES OF ACCOUNTING II – INDEPENDENT STUDY FOR CAP CREDIT ONLY
4 CREDITS
Year

Prerequisite: Successful completion of ACC 101

A continuation of Accounting I and an introduction to partnership, corporate, and managerial accounting, stocks, bonds, budgets, investments in stocks and bonds, cash flow statement, and financial statement analysis.

BUS 101: BUSINESS ORGANIZATION & MANAGEMENT
3 CREDITS
Fall Semester

A general survey of business with an analysis of business enterprise elements and functions. A fundamental consideration is also made of various areas of business specialization.

BUS 260: BUSINESS LAW I
3 CREDITS
Spring Semester

Prerequisite: Successful completion of BUS 101.

Introduces fundamental legal principles and their applications to business and everyday life. Includes law and society, contracts, agency, sales, commercial paper, bailment's, and secured transaction.

BUS 261: BUSINESS LAW II – INDEPENDENT STUDY FOR CAP CREDIT ONLY
3 CREDITS
Semester

Prerequisite: Successful completion of BUS 260A continuation of BUS 260 covering partnerships and corporations, real and personal property, insurance suretyship, bankruptcy, wills and trusts, and labor law.

COMPUTER SCIENCE

CSC 102: INTRODUCTION OF MICROCOMPUTER APPLICATIONS
3 CREDITS
Semester

Prerequisite: Successful completion of Integrated Algebra.

This course focuses on the latest application software and operating systems used in the business world. The course will prepare students to be intelligent users of computers and to understand the basics of word processing, spreadsheets, presentations, databases, and the Internet through "hands-on" laboratory experiences.

CSC 201: ADVANCED SOFTWARE APPLICATIONS
3 CREDITS

Semester

Prerequisite: Successful completion of CSC 102 and

English requirement:

- 90 or higher on English 11 regents OR
- English portion of SAT-500 or higher OR
- English portion of ACT-20 or higher OR
- CCC placement test recommendation

This course is designed to give students a thorough exposure to the advanced computer software skills in Word, Excel, Access, and PowerPoint and integration of the four programs that employers are seeking. In addition, it will satisfy all the objectives in the four MOUS (Microsoft Office User Specialist) Certification tests for Word and Excel. At the completion of this course, students will be prepared to sit for the MOUS tests for word Proficient, Word Expert, Excel Proficient, and Excel Expert

HUMANITIES

FRE 102: ELEMENTARY FRENCH II

3 CREDITS

Semester

Prerequisite: Successful completion of Regents High School French III & IV

For students with some previous French instruction. Basic grammatical structures are studied further with attention to vocabulary and pronunciation. Some elementary reading is introduced.

FRE 201: INTERMEDIATE FRENCH I

3 CREDITS

Semester

Prerequisite: Successful completion of FRE 102

Further development of language skills with emphasis on spoken and written communication. French literature is introduced.

SPA 102: ELEMENTARY SPANISH II

3 CREDITS

Semester

Prerequisite: Successful completion of Regents High School Spanish III & IV

A continuation of SPA 101 increasing fluency and familiarity with the language.

SPA 201: INTERMEDIATE SPANISH I

3 CREDITS

Semester

Prerequisite: Successful completion of SPA 101

Further develops the four basic language skills with emphasis on comprehension and use of the spoken language. Reading in Spanish introduces Hispanic culture and literature.

MATH

MAT 161: ELEMENTARY STATISTICS

3 CREDITS

Semester

Prerequisite: Successful completion of entire Algebra II and Trigonometry R course and 65 or higher on regents **OR** CCC placement test recommendation.

This course is a study of basic statistical techniques and some related probability theory. Course topics include data collection and presentation, measures of central tendency and dispersion, grouping and graphing data sets, linear correlation and regression, sampling distributions, estimation, and hypothesis testing. Distribution studies include the binomial, normal, and student's t. At least one student project is required for this course. The use of a graphing calculator is required for this course to further the exploration of these topics and their applications.

MAT 224: CALCULUS & ANALYTIC GEOMETRY I

4 CREDITS

Year

This course is an introduction to the basic concepts of differential and integral calculus. Course topics include limits and continuity; differentiation and its applications including curve sketching; indefinite and definite integrals; the Fundamental Theorem of Calculus; derivatives and integrals of the trigonometric functions. The use of the graphing calculator is required for this course to further the exploration of these topics and their applications.

SCIENCE

PHY 111 GENERAL PHYSICS I

4 CREDITS

Semester

Prerequisite: Successful completion of entire Algebra II & Trigonometry Course and 65 or higher on regents **OR** CCC placement test recommendation.

This is the first of a two-semester sequence which covers: mechanics, which includes the study of linear, circular and rotational motion and how Newton's laws, and the concepts of energy and momentum can be applied, thermodynamics including temperature, heat transfer, and changes in state, and analysis of the sinusoidal nature of simple harmonic motion. There are three hours of lecture and one two-hour laboratory per week.

PHY 112: GENERAL PHYSICS II

4 CREDITS

Semester

Prerequisite: Successful completion of PHY 111.

This is a continuation of General Physics I with the following topics included: electricity, magnetism, sound, optics, and quantum physics.

PSY 101: INTRODUCTION TO PSYCHOLOGY

3 CREDITS

Prerequisite:

- 90 or higher on English 11 regents **OR**
- English portion of SAT-500 or higher **OR**
- English portion of ACT-20 of higher **OR**
- CCC placement test recommendation

This course is a survey of the major areas of theories in psychology, introducing students to the research methods, terminology and diversity of contemporary psychology. The course will cover topics such as principles of personality, learning, thought, memory, biopsychology, emotion, stress, mental health, social psychology and developmental processes.