

JASPER-TROUBSBURG CENTRAL SCHOOL

HOME OF THE WILDCATS

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Re: Notification of Advanced Coursework

May 29, 2026

Dear Wildcat Families,

The purpose of this letter is to inform you of the benefits and opportunities for your child to participate in advanced coursework.

While advanced coursework provides an opportunity for your child to gain skills and demonstrate competencies at a higher level, advanced coursework provides other benefits as well, including:

- improving a student's self-confidence and image of self.
- demonstrating a student's preparedness for college-level coursework.
- earning college credit(s) prior to graduation.
- reducing future costs for higher education.
- reducing the amount of time that the student must spend in secondary and/or post-secondary school.

The advanced courses offered in middle and high school at Jasper-Troubsburg include:

- College English
 - ACE Course, ENGL 1010 & ENGL 1020: This course involves essay writing designed to sharpen the student's perceptions of the world through the study and use of non-fiction writings and to facilitate communications with correctness, clarity, unity, organization, and depth. Assignments include expository writing, argumentation, and research techniques. This course also includes literary analysis and interpretation on works of fiction, poetry, and drama. (6 credit hours)
- College United States History
 - ACE Course, HIST 1110 & HIST 1120: This course focuses on the ideas and concepts brought to the New World and their development into America's institutions and social fabric. It examines the conflict and consensus among various groups, the dilemmas facing revolutionaries and reformers, and the ways economic, political, and social changes have occurred from the end of the Civil War to the present. Topics include industrial urbanization, racism, sexism, the "New Manifest Destiny," political shifts, and the growth of a modern nation. (6 credit hours)

High School Building
2661 State Route 248
Greenwood, NY 14839
607-792-3690

District Office
2661 State Route 248
Greenwood, NY 14839
607-792-3675

Elementary School Building
908 State Route 36
Troubsburg, NY 14885
607-525-6301

- College Federal Government
 - ACE Course, GOVT 1010: This course examines the theories and practices of the American federal government, with an emphasis on the national level. It explores the changing relationships between the branches of government, policy formulation, political parties, pressure groups, and the growth of presidential power. (3 credit hours)
- College PreCalculus
 - ACE Course, MATH 1411 & MATH 1412: This course covers the characteristics of elementary real functions, including algebraic and graphical analysis, inequalities, absolute values, and logarithms. Additional topics include the trigonometry of real numbers, plane analytic geometry, polar coordinates, complex numbers, and the Binomial Theorem. (6 credit hours)
- College Calculus
 - ACE Course, Math 1610: This course covers the first semester of differential and integral single-variable calculus, integrating basic theory and applications of algebraic and trigonometric functions. Topics include limits, the algebraic and graphical interpretation of derivatives, and differentials for approximations. It also introduces indefinite and definite integrals, with applications to areas, volumes, surface area, arc length, moments, and centers of mass. (4 credit hours)
- College Spanish
 - ACE Course, SPAN 2010 & SPAN 2020: This course develops proficiency in reading, writing, speaking, and understanding Spanish through a systematic review of its structure. Students will explore representative readings that introduce Spanish civilizations. The course features a thorough analysis of the language, intensive discussion of grammar, usage, style, and vocabulary, and composition and oral reports designed to enhance expression and class discussions. (8 credit hours)
- College Psychology
 - ACE Course, PSYC 1101: This course provides an introduction to psychology. Topics include the scientific method, psychological measurement, motivation, learning, thinking, and problem-solving. Students will also explore perception, behavior disorders and their treatments, the biological and social determinants of behavior, human development, and personality. (3 credit hours)
- College Public Speaking
 - ACE Course, SPCH 1080: This course develops self-awareness and audience awareness through oral presentations. Students will learn to organize and deliver speeches for a variety of occasions, including informative, persuasive, demonstrative, and argumentative speaking. (3 credit hours)
- College Business Math
 - ACE Course, BUSN 1033: This course covers the four basic arithmetic processes and the algebra of business, focusing on the application of mathematics to typical business problems. Topics include taxes, insurance, payroll, depreciation, trade and cash discounts, markup, simple interest, bank discounts, and financial statement analysis. (3 credit hours)
- College Personal Finance
 - ACE Course, BUSN 2020: This course covers the basic areas of personal finance, such as banking, home financing, insurance, investments, credit financing, and retirement planning. (3 credit hours)

- College Chemistry
 - ACE Course, CHEM 1510 & CHEM 1520: This course covers the principles of chemistry and its quantitative aspects. Topics include stoichiometry, the characteristics of matter, atomic structure and bonding, elementary thermochemistry, solutions, equilibrium, thermodynamics, and electrochemistry. Descriptive chemistry is integrated throughout the course, which also includes a mandatory laboratory component. (8 credit hours)
- Life Science: Biology
 - Local Regents Level Course: This course involves information regarding the fundamental concepts of life and life processes. This course includes such topics as cell structure and function, general plant and animal physiology, genetics, and taxonomy. The laboratory component is essential for the completion of the course and admission to the Regents exam.
- Algebra 1
 - Local Regents Level Course: The Algebra 1 course includes the study of properties and operations of the real number system, evaluating rational algebraic expressions; solving and graphing first degree equations and inequalities; translating word problems into equations. At the end of the year, students are required to take the New York State Algebra 1 Regents exam.
- Math 8
 - This course emphasizes proficiency in skills involving numbers and operations, measurement, patterns, and simple functions, algebra, geometry, statistics, and probability. Specific content depends upon most recent state standards for grade 8.

Please note the prerequisites for the following courses:

- College English
 - 85% or higher on the English 3 Regents Exam
 - And 85% or higher in the English 3 course
- College Public Speaking
 - High school GPA of 85% or higher
- College United States History
 - High school GPA of 85% or higher
 - And/or 85% or higher on the Global 2 Regents
- College Federal Government
 - High school GPA of 85% or higher
- College PreCalculus
 - Successful completion of: Algebra 1, Geometry, and Algebra 2
- College Calculus
 - Successful completion of: Algebra 1, Geometry and Algebra 2
 - Successful completion of: College PreCalculus (MATH 1411 & 1412).
- College Spanish
 - Successful completion of: Spanish 1, Spanish 2, and Spanish 3
- College Psychology
 - Successful completion of English 3
 - And/or a high school GPA of 85%
- College Business Math
 - Algebra 1 course and Regents score of a 65% or higher
- Algebra 1
 - Successful completion of Math 8

- College Chemistry
 - Successful completion of Regents Chemistry with a course grade of 80% or higher
 - And 65% or higher on Chemistry Regents
 - Or Chemistry Regents exam grade of 85% or higher
 - Successful completion of Algebra 2 with a course grade of 80% or higher
- Biology
 - Biology student acceleration must meet the following requirements:
 - Successful completion of Science 7
 - Accelerated Math student (see requirements below)
- Math 8
 - Math 8 student acceleration must meet the following 3 requirements:
 - Math 6 average of: 92% or higher and demonstrating proficiency with fractions
 - Math iReady score of 530 or higher
 - Math Teacher Recommendation
- Career and Technical Education (GST BOCES)
 - Students must have completed the required 9th and 10th grade course credits to have achieved an 11th grade level standing

The courses available to your child in the 2026-2027 school year include the courses listed above. Students also have the ability to participate in online ACE (Accelerated College Education) coursework through Corning Community College's High School College Education Online program and GST BOCES ACE Plus Program (Advanced Course Access). These courses vary each semester. You may reach out to the guidance office for course information.

The following supports are provided by your child's school to help students succeed in advanced courses:

Academic Supports

- Academic Intervention Services (AIS)
 - The provision of academic intervention services is intended to increase achievement for students who are struggling to meet the New York State Learning Standards.

Non-academic Supports

- Peer Tutoring
 - Academic support service in which students support other students in the learning process.

There is currently no financial aid available to students taking ACE courses. Currently, all ACE courses offered on site by Jasper-Troupsburg faculty are free. However, students who participate in the [High School College Education Online](#) program through Corning Community College are responsible for all the required materials, books, and tuition fees associated with the course. These courses vary each semester. You may reach out to the guidance office for course information.

This information can also be found on our website at www.jtcsd.org . Questions related to your child's participation in advanced coursework may be referred to Mrs. Kropp at 607-792-3690 or dkropp@jtcsd.org