

Academy of Digital Arts and Sciences

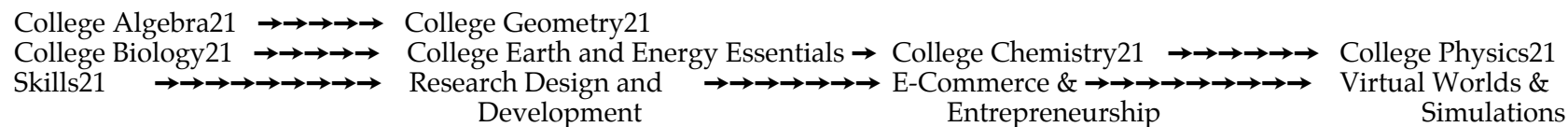
The Academy of Digital Arts and Sciences Program is a specialized 4-year sequence of courses focusing on the study of science through emerging technologies. Stonington High School participates in this program with other high schools across the State of Connecticut through EDUCATION CONNECTION's Skills21 program. The Academy program facilitates a cross-disciplinary application of academic knowledge, creativity, design, and innovation skills with the integration of digital media into the study of science and technology topics. All courses feature problem-based learning and comprehensive projects as the foremost instructional activity for all students.

Grade 9

Grade 10

Grade 11

Grade 12



Key Components

The Academy program utilizes research-based strategies and techniques to engage students in STEM education while developing essential 21st century skills.

<p><u>Blended Learning</u> Blended learning utilizes a teacher facilitated, student-centered environment that includes online and experiential components to strengthen classroom learning.</p>	<p><u>Experimental Learning</u> Academy students and teachers meet at Connecticut colleges and corporate campuses to hear from invited speakers who are business professionals or experts in their fields.</p>	<p><u>Comprehensive Project</u> Project-based learning allows Academy students to develop relevant skills through technical writing, research, computer-assisted design, computer animation, digital audio/video, digital photography, and Web site development.</p>	<p><u>Performance Assessment</u> At the Connecticut Student Innovation Expo students explain their work to a distinguished panel of judges and receive awards and recognition in several categories.</p>
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Students enrolled in the Academy may earn up to 12 college credits articulated through Connecticut community colleges, state universities, and UCONN.