



Academy of Information Technology & Engineering

A Public Inter-District Magnet High School

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Mission Statement:

The mission of the Academy of Information Technology & Engineering is to provide our students with a multitude of learning experiences to gain the skills and knowledge necessary to succeed in the challenges of the emerging global community through a dynamic, technology rich, college preparatory, small school environment.

School and Community:

Founded in 2000, the Academy of Information Technology and Engineering (AITE) is an inter-district magnet high school serving students from Darien, Greenwich, New Canaan, Norwalk, Ridgefield, Stamford and other communities in Southwestern Fairfield County. AITE provides a small learning environment that applies cutting edge best practices while engaging students in curricula enriched by information technology resources. Technology is integrated into content and elective areas, promoting 21st Century skills in communication, critical and creative thinking, digital proficiency, collaboration and numeracy. All content courses are at the college preparatory, honors, advanced placement or college dual-credit levels only. Courses are on an alternate day block schedule of four, 88-minute periods each day. Dual credit is offered through early college experience courses sponsored by Norwalk Community College, UCONN and the University of New Haven. Virtual High School courses are available also available. AITE has been a certified Project Lead The Way (PLTW) school for the past 10 years. The PLTW Engineering and Biomedical Sciences programs offer an array of STEM-related courses involving hands-on, project based, work-related experiences.

AITE is accredited by the New England Association of Schools & Colleges (NEASC)

Elective Programs:

Information Technology: Courses are designed to help students develop advanced computer skills to use in an IT related field or use technology as a tool in a broad variety of other fields. Courses include Cisco networking, computer programming, Smart Apps, and Introduction to Networking. Students have the opportunity to earn national network certifications in some areas.

Architecture and Pre-Engineering: Courses are designed to inspire, motivate and prepare those students interested in pursuing careers in Architecture and Engineering. The AAE elective utilizes the curriculum and materials of the nationally accredited Project Lead the Way program (PLTW). The courses are weighted as honors classes.

Business: Courses introduce students to skills and knowledge associated with business activities both nationally and globally. Course offerings include accounting, digital publications, business law, finance, game design, and eCommerce.

Biomedical Sciences: Courses in a four-year sequence, taken in conjunction with core science classes, promoting students interests and knowledge in the fields of medicine and medical technologies. Course in this PLTW program are weighted at the honors level.

The Fine Arts (Music and Visual): Courses promote the integration of music and art skills through traditional and digital applications. Students learn and enhance skills through practical hands-on work, digital applications utilizing current music and graphic arts software, fieldwork with video production and editing functions, and inter-active mentoring and internships. Performance and portfolio activities are incorporated.

Grading Policy:

1. Letter grades are used to represent student achievement:

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|----|------|--------|----|------|-------|
| A | 4.0 | 93-100 | C | 2.0 | 73-76 |
| A- | 3.67 | 90-92 | C- | 1.67 | 70-72 |
| B+ | 3.33 | 87-89 | D+ | 1.33 | 67-69 |
| B | 3.0 | 83-86 | D | 1.0 | 63-66 |
| B- | 2.67 | 80-82 | D- | .67 | 60-62 |
| C+ | 2.33 | 77-79 | F | 0.0 | 0-59 |

2. A student may also receive a grade of P, F, M, I or W, or P/F. M = Medical; I = Incomplete - issued when a student has significant excused absences from school and has not completed sufficient work to receive a grade; W = withdrawn from class after the first marking period; P = Pass and F = Fail

3. The final grade is determined by calculating the marking period grades (each quarter is worth 20% of final grade), the midterm and the final examination grade (each exam is worth 10% of final grade) and dividing by the total number of grades. S1 on the report card represents the midterm exam grade and S2 the final exam grade.

4. The unweighted rank is computed by using the grade point average of the final marks earned by each student in all subjects except those on P (Pass)/F (Fail), physical education and independent study. For the weighted rank, calculations will include .05 weight for Honors and .07 weight for AP courses.

Accomplishments:

Magnet Schools of America, School of Distinction Award 2013

Ranked #1 magnet high school in Connecticut by Niche.com 2015

Ranked #1 CT Secondary School (with ≥ 100 concentrators) on Connecticut Statewide CTE Assessment

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|------------------------------------|--------------------------------------|---------------------------------------|-------------------------------------|---|---|
| Adelphi University | Central CT State | Iona College | New England College | Salve Regina University | University of Colorado |
| Albertus Magnus College | Champlain College | Ithaca College | New England Institute of Technology | Savannah College of Art and Design | University of Colorado at Boulder |
| Albright College | Chestnut Hill College | Johns Hopkins University | New Jersey Institute of Technology | School of the Museum of Fine Arts | University of Connecticut |
| Allegany College of Maryland | Christendom College | Johnson and Wales University | New World School of Arts | School of Visual Arts | University of Connecticut at Stamford |
| Allen University | Dartmouth College | Johnson State College | New York Institute of Technology | Seton Hall University | University of Delaware |
| American International College | Dean College | Keene State College | New York University | Sewanee: The University of the South | University of the District of Columbia |
| American Jewish University | DePaul College | Kettering University | New York University- Tisch School | South Carolina State University | University of Hartford |
| American University | DePauw College | Lafayette College | Newbury College | Southern New Hampshire University | University of Indiana |
| Andrews University | DeSales College | Lake Superior College | Northeastern University | St. Mary's College of Maryland | University of Maryland |
| Anna Maria College | Dominican College of Blauvelt | Landmark Academy | Norwalk Community College | Stanford University | University of Massachusetts |
| Arizona State University | Drew University | Lasell College | Oklahoma State University | Suffolk University | University of Michigan |
| Assumption College | Drexel University | Lehigh University | Oklahoma State University | SUNY Albany | University of Missouri |
| Babson College | Eastern CT State University | Lehigh University | Palm Beach College | SUNY Binghamton | University of New Hampshire |
| Barnard College | Eastern Kentucky University | Lewis and Clark College | Parsons The New School for Design | SUNY Cobleskill | University of New Haven |
| Baruch College | Eckerd College | LIM College | Pennsylvania State University | SUNY Cortland | University of North Carolina for the Arts |
| Bay State Colleges | Elms College | Lincoln College | Pepperdine University | SUNY Delhi | University of Pennsylvania |
| Belmont Abby College | Embry-Riddle Aeronautical University | Long Island University | Philadelphia University | SUNY New Paltz | University of Pittsburgh |
| Benedict College | Emerson College | Lycoming College | Pitzer College | SUNY Purchase | University of Punjab |
| Benedictine College | Emmanuel College | Lyndon State College | Plymouth State University | SUNY Stony Brook | University of Rhode Island |
| Bennett College | Fairfield University | Macaulay Honors College | Polytechnic Institute of NYU | Susquehanna University | University of Rochester |
| Bennington College | Fairleigh Dickenson University | Manhattanville College | Pomona College | Swarthmore University | University of Southern California |
| Bentley College | Fashion Institute of Technology | Marshall University | Porter and Chester Institute | Syracuse University | University of Vermont |
| Berklee College of Music | Fisher College | Marymount College | Post University | Temple University | University of Wisconsin |
| Bethany College | Florida College | Massachusetts College of Pharmacy | Pratt Institute | Texas Woman's University | Vassar College |
| Bloomfield College | Florida Institute of Technology | Massachusetts Institute of Technology | Princeton University | The Art Institute of Boston | Vaughn College of Aeronautics and Engineering |
| Bob Jones University | Fordham University | McNally Smith College | Providence College | The Art Institute of New York | Virginia Polytechnic Institute |
| Boston University | Franklin and Marshall College | Mercy College | Purchase College | The College of New Jersey | Wagner College |
| Bowling Green State University | Franklin Pierce University | Merrimack College | Purdue University | The College of Saint Rose | Wellesley College |
| Bradley University | Full Sail | Mid-America Christian University | Quinnipiac University | The College of Westchester | Wells College |
| Brandeis University | Gateway Community College | McGill University | Rensselaer Polytechnic Institute | The George Washington University | Wentworth Institute of Technology |
| Brown University | Georgia Tech | Mitchell College | Rhode Island College | The New England Institute of Art | Wesleyan University |
| Bryant University | Green Mountain College | Monroe College | Rider University | The New School | Western New England College |
| Cabrini College | Guilford College | Montana State University | Rochester Institute of Technology | Thomas Moore College of Liberal Arts | Westwood College |
| California Institute of Technology | Hampshire College | Montclair University | Roger Williams College | University of Arizona | Yale University |
| Canisius College | Hartwick College | Moravian College | Roxbury Community College | University of Bridgeport | |
| Carleton College | Harvard University | Morgan State University | Rutgers University | University of California at Los Angeles | |
| Carnegie Mellon University | Harvey Mudd College | Mount Aloysius College | Sacred Heart University | University of Central Florida | |
| Case Western Reserve University | Hillsdale College | Mount Holyoke College | Saint Joseph College | University of Chicago | |
| Castleton State College of Vermont | Hofstra University | Mount Ida College | Saint Michael's College | University of Colorado | |