School and Community

Morris County School of Technology houses the Academies, which are free individual magnet high schools of choice for Morris County residents. MCST Denville campus has an enrollment of over 700 full-time students and over 300 share-time students from over 25 districts.

Student selections for our full-time Academies are based on an application process during 8th grade. Standardized test scores, attendance, grade point average, an entrance exam and teacher recommendations are considered. Once selected, students take a highly rigorous academic program in tandem with intensive training in one of fourteen vocational specialties.

Facts at a Glance

(Controlling Denville students)

- Average class size: 20
- Freshman Enrollment: 211
- Sophomore Enrollment: 207
- Junior Enrollment: 176
- Senior Enrollment: 180
- 12 Full-Time Academy Programs

Distinctions

- National Merit Finalists & Semifinalists
- SkillsUSA Gold Medal Winners
- HOSA First Place Medal Winners
- Rutgers Distinguished Scholars
- NJ Governor School for the Sciences
- Seals of Biliteracy
- 2013 Blue Ribbon School

Class of 2019

- 169 graduates
- 90% attended a post-secondary institution
  - (90% - 4 year college, 10% - 2 year college)
- Attended 90 colleges & universities

<table>
<thead>
<tr>
<th></th>
<th>Mean</th>
<th>Median</th>
<th>NJ Mean</th>
</tr>
</thead>
<tbody>
<tr>
<td>SAT</td>
<td>1282</td>
<td>1290</td>
<td>1094</td>
</tr>
<tr>
<td>ACT</td>
<td>27.5</td>
<td>27</td>
<td>23.7</td>
</tr>
</tbody>
</table>

Academies Located at the Morris County School of Technology

- Animal Science (AS)
- Culinary Arts (CUL)
- Education and Learning (E&L)
- Health Care Sciences (HCS)
- Sports Medicine (SPT)
- Visual & Performing Arts (VPA DNC - Dance) or (VPA MM - Multimedia)

- Computer and Information Science (CIS)
- Design (DSN)
- Finance and International Business (FIB)
- Law & Public Safety (LPS)
- Global Supply Chain Management (beg. 2019-2020)

Satellite Academies

- Athletic Training & Physical Therapy - located at Roxbury High School (beg. 2019-2020)
- Biotechnology - located at Mountain Lakes High School
- Environmental Science - located at Jefferson High School
- Mathematics, Science and Engineering - located at Morris Hills High School
- Performing Arts - Dance, Theater, Vocal - located at Morris Knolls High School

Schedule & Graduation Requirements

Students work on a block schedule with alternating A & B days. Those who desire an Academy Endorsed Diploma are required to obtain a minimum of 155 credits, including a 120 hour internship, and meet all graduation requirements in accordance with New Jersey Administrative Code 6A:8-5.1. Students participate in the State Assessments.

Required Courses

- Four years of English (20 credits)
- Four years of Health/Physical Education (20 credits)
- Three years of Science (15 credits)
- Three years of Social Studies (15 credits)
- Three years of Mathematics (15 credits)
- Two years of a World Language (10 credits)
- Three Semesters of General Electives (7.5 credits)
- One year of Visual & Performing Arts (5 credits)
- One semester of Financial Literacy (2.5 credits)
- Academy Program (40 credits depending on Senior Year Option)
- Structured Learning Experience (SLE) (Required Internship) (5 credits)

Honors & Advanced Placement

Honors courses are available in English, Social Studies, Mathematics, Science and World Languages. HCS students take an additional seven honors courses in accordance with their academy curriculum. Advanced Placement courses are currently offered in Calculus AB and Physics I only. CIS students take AP Computer Science and AP Computer Science Principles.

Option II

Option II courses receive Pass/Fail (P/F) and are not calculated into the GPA.

Grade 12 Option: Dual Enrollment

MCST has partnerships with various institutions to enable its students to earn college credit for coursework taken both on and off our campus. Participants include County College of Morris, Centenary College, Fairleigh Dickinson University, New Jersey Institute of Technology, Ramapo University, Rider University, Rutgers University, and Seton Hall University. Approximately 80% of seniors participate in one of our Grade 12 Options, where MCST funds up to 24 college credits for courses taken on the college’s campus.

School Counselors

<table>
<thead>
<tr>
<th>Name</th>
<th>Email</th>
</tr>
</thead>
<tbody>
<tr>
<td>Marisa Dillon</td>
<td><a href="mailto:dillonm@mcvts.org">dillonm@mcvts.org</a></td>
</tr>
<tr>
<td>Ashley Brooks</td>
<td><a href="mailto:brooksa@mcvts.org">brooksa@mcvts.org</a></td>
</tr>
<tr>
<td>Jennifer Katz</td>
<td><a href="mailto:katzi@mcvts.org">katzi@mcvts.org</a></td>
</tr>
<tr>
<td>Tracy Amedeo</td>
<td><a href="mailto:amedeot@mcvts.org">amedeot@mcvts.org</a></td>
</tr>
<tr>
<td>Stephen Ward</td>
<td><a href="mailto:wards@mcvts.org">wards@mcvts.org</a></td>
</tr>
</tbody>
</table>

Administration

Scott Moffitt, Superintendent
Lynne Jackson, Principal
Athena Borzeka, Director of Student Services & Special Education

The Morris County Vocational School District holds national accreditation from the Middle States Commission on Secondary Schools.
Grade Point Average & Academy Scholars

A cumulative grade point average is maintained on all students beginning with freshman year based on final grades in each course. Student transcripts contain weighted and unweighted GPA’s. Beginning with the Class of 2017, MCST no longer reports class rank, replacing this with Academy Scholars. Academy Scholars are students who exemplify the vision and mission of MCST through outstanding academic achievement, leadership and a strong interest in learning with a focus on their academy/career cluster. These students are well-pointed and work to reach their fullest potential with consistent effort to excel and grow and inspire others both educationally and personally.

<table>
<thead>
<tr>
<th>Grading System/GPA Scale</th>
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<tr>
<td>Range</td>
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<tr>
<td>97-100</td>
</tr>
<tr>
<td>94-96</td>
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<td>90-93</td>
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<td>60-63</td>
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<tr>
<td>&lt;60</td>
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<tr>
<td>P (Pass)</td>
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</tbody>
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*The highest possible GPA will vary by Academy.

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<tr>
<th>Class of 2019</th>
<th>Weighted</th>
<th>Unweighted</th>
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</thead>
<tbody>
<tr>
<td>Max</td>
<td>4.93</td>
<td>4.25</td>
</tr>
<tr>
<td>Median</td>
<td>4.03</td>
<td>3.72</td>
</tr>
</tbody>
</table>

Four Year Course Offerings

- **English:** English I, II, III, IV
- **Mathematics:** Algebra I, Geometry, Algebra II/Trigonometry, Pre-Calculus, AP Calculus AB, Foundations of College Mathematics
- **Science:** Biology, Chemistry, Physics (starting in 2019-2020), AP Physics I, Anatomy and Physiology I, II, Environmental Science
- **Social Studies:** World History, US History I, II, US History III, Economics I
- **World Language:** Chinese I-III, French I, II, III, Spanish I, II, III, IV

American Sign Language I-II (only available 2017-2019)

(Honors WL beginning 2019)

Structured Learning Experience (SLE):

120 hour required Internship in Academy related field of study

* Honors courses available

Academy Program Courses (Grade 9-11)

- **AS:** Evolutionary Biology & Taxonomy, Animal Ethics & Animal Careers, Animal Physiology & Pathology, Animal Facilities Mgmt.
- **CIS:** Foundations of Computer Science, Computer Logic & Object Design, AP Computer Science, Networking Security
- **CUL:** Intro to Culinary Arts, Cooking Foundations, Baking & Pastry/Advanced Culinary Skills
- **DSN:** Design Concepts, The Moving Image, Visual Communication & Media Arts
- **E&L:** Intro to Field of Education, Childhood Development & Learning, Trends in Education
- **FIB:** Intro to Business Law, Intro to Bus. Strategies, Intro to Accounting, Banking & Credit, Accounting II, Finance, Virtual Enterprise Int’l
- **GSCM:** Core Four & International Business Strategies, Basic Concepts in Supply Chain Management & Intermediate Concepts in Supply Chain Management, Virtual Enterprises International & Advanced Concepts in Supply Chain Management (I & II)
- **LPS:** Law & Public Safety 9, 10, 11
- **SPT:** Sports Medicine 9, 10, 11
- **VPA:** Virtual Enterprises International
- **DNC:** Multimedia 9, 3D Animation & Film Making, Editing & Post
- **MM:** Production. Elected: Intro to Theater Arts, Theater Production I, II

Grade 12 Options

Career Related Independent Study, Senior Capstone, Unmanned Aerial Vehicles, Virtual Enterprises International, Computer Science Principles, Emergency Medical Technician Certification (HCS & SPT Only), Dual Enrollment (See Front)

Sports (Varsity/JV)

- **FALL:** Boys & Girls Cross Country, Boys & Girls Soccer, Girls Volleyball
- **WINTER:** Boys & Girls Basketball, Coed Bowling
- **SPRING:** Baseball, Softball, Boys & Girls Golf

Clubs and Activities

Art and Photography, Chorus, DECA, Drama/International Thespian Society, Environmental Action Club, Fitness Club, Gay & Straight Alliance (GSA), Health Occupations Students of America (HOSA), Jazz Band, Key Club, Literary Club, Multicultural Club, National Honor Society, National Technical Honor Society, National Dance Honor Society, Peer Leadership, Red Cross Club, Robotics Club, SkillsUSA, Student Government, Tech Club