



Morris County School of Technology

400 East Main St., Denville, NJ 07834

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Website: www.mcvts.org

CEEB Code: 310281

History

Morris County School of Technology, part of the Morris County Vocational School District was established in 1969. Since then, the school has evolved into a four-year, full-time comprehensive career and technical high school with seven Academies located in Denville and two satellite Academies in Butler and Rockaway.

Mission Statement

The mission of the Morris County Vocational School District is to provide vocational and enrichment programs that inspire and prepare students to succeed in today's world and pursue tomorrow's opportunities.

Accreditation

The Morris County Vocational School District holds dual national accreditation from the Middle States Commission on Secondary Schools and The Council on Occupational Education.

Facts at a Glance (for Denville location)

- Average class size 20
- Freshman Enrollment 159
- Sophomore Enrollment 144
- Junior Enrollment 140
- Senior Enrollment 158
- 9 Full-Time Academy Programs

Class of 2011

- 114 graduates
- 90% attended a post-secondary institution
- Graduates attended more than 50 colleges & universities

County

Morris County is one of the ten wealthiest counties in the United States and has long been recognized as a prime setting for business and family. Morris County is located approximately 30 miles northwest of New York City, in the heart of northern New Jersey. Within 469 square miles of land area, the county contains 39 municipalities. The 13,000 acre county park system is noted statewide for its recreational facilities and preservation of Morris County's natural landscape. The County is well served by a network of major interstate, state, county and municipal roadways as well as bus, train and airport service.

Community

Denville is appropriately named the "Hub of Morris County". Its 12 square miles are conveniently located near Routes 46, 80, 287, 10 and 53 providing easy access to the school by car and bus. The Denville train station is located two blocks from the school.

Full -Time Academies

The Academies of Morris County are individual magnet high schools that offer students with similar interests and aptitudes a challenging and exciting curriculum. Students take a college-preparatory program that provides them with multiple options after graduation, including admission to colleges and universities or a career path to entry-level employment in some of the nations fastest growing industries.

Student Selection

Applicants for full time academies are selected from a diverse population of eighth grade students throughout Morris County during the fall of their eighth grade year.

Standardized test scores, attendance, grade point average, an entrance examination and teacher recommendations are considered.

Academies located at the Morris County School of Technology

- Academy for Child Related Careers
- Academy for Culinary Arts
- Academy for Finance and International Business
- Academy for Health Care Sciences
- Academy for Networking, Information Technology and Communications
- Academy for Veterinary Science
- Academy for Visual & Performing Arts

Satellite Academies

- Academy for Law & Public Safety – located at Butler High School
- Academy for Mathematics, Science and Engineering - located at Morris Hills High School

MCST works on a block schedule with alternating A& B days. This allows for a maximum of five academic classes, physical education & health, two to four electives and career technical training annually.

Graduation Requirements

Students who desire an Academy Endorsed Diploma will be required to acquire a minimum of 160 credits and meet all graduation requirements in accordance with New Jersey Administrative Code 6A:8-5.1.

Required Courses:

- Four years of English (20 credits)
- Four years of Health/Physical Education (20 credits)
- Three years of Mathematics (15 credits)
- Three years of Science (15 credits)
- Three years of Social Studies (15 credits)
- Two years of a World Language (10 credits)
- One year of Visual or Performing Arts (5 credits)
- One Semester of Financial Literacy (2.5 credits)
- Academy Program (50 credits) beginning with the Class of 2013

Including a structured learning experience* (*Defined as an internship)

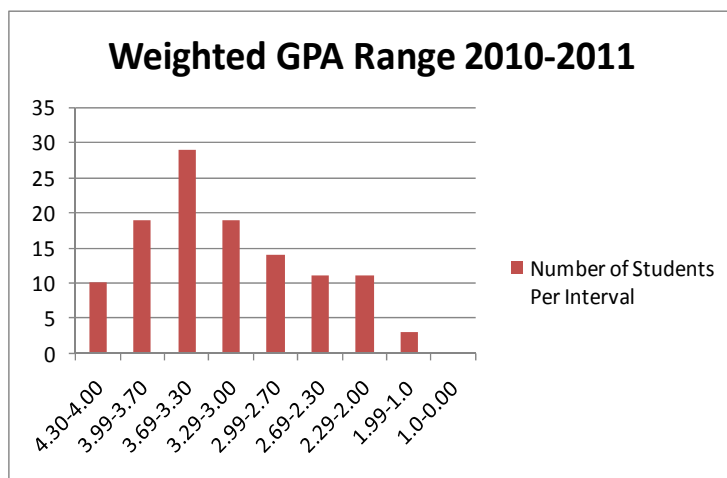
In addition, students **must** demonstrate proficiency on the New Jersey High School Proficiency Assessment (HSPA) administered in the spring of the junior year and on End of Course Assessments as specified.

Honors Courses

Honors Courses are available in specific courses: English, Social Studies, Mathematics and Science. These courses offer enrichment both in the scope of material presented and in depth exploration. All Honors & College courses are weighted and assigned 0.5 additional points.

Grade Point Average

A cumulative grade point average (GPA) is maintained on all students beginning with the freshman year based on final grades in each course. A student's transcript contains class rank as well as his/her grade point average (GPA). In calculating GPA, the converted quality points are multiplied by the number of credits assigned to the course. The resultant course quality points are totaled and divided by the total credits attempted by the student.



Grading System

Marking System	Weighted
97-100 A+	4.8
94-96 A	4.5
90-93 A-	4.2
87-89 B+	3.8
84-86 B	3.5
80-83 B-	3.2
77-79 C+	2.8
74-76 C	2.5
70-73 C-	2.2
67-69 D+	1.8
64-66 D	1.0
60-63 D-	.7
Below 60 F	0.0

The highest possible weighted GPA for the class of 2011 is 4.52. The highest unweighted is 4.49

SAT Scores for MCST (for Denville location)

Average SAT (1600 scale): 1109

Average SAT (2400 scale): 1667

ACT Scores for MCST (for Denville location)

Average ACT Score: 24



College & University Partners

The Morris County Vocational School District has partnerships with colleges and universities. Students enrolled in Morris county School of Technology may earn college credit for coursework through articulations established with higher education partners. Students earn tuition free college credits from participating partner colleges and universities completing high school courses as part of their occupational program. Some articulation agreements guarantee college admission to qualifying seniors. These credits may be applied towards a degree program at the partner college or university or transferred to the student's college or university of choice.

Challenger Program and Grade Twelve Initiative

In lieu of AP courses, eligible students in Grade 12 may enroll for courses at the County College of Morris, Fairleigh Dickinson University and Ramapo College to earn college credits.

These programs afford qualifying seniors the opportunity to take college courses, tuition free at the County College of Morris. Students may earn up to 22 college credits as part of this Grade 12 Option while completing their high school requirements.

College Acceptances

Below is a sampling of colleges, universities, two and four year technical institutions at which students have been accepted over the last two years:

Adelphi University; Allegheny University; American Musical and Dramatic Academy; Binghamton University; Boston University; Bucknell University; Buffalo State College of SUNY; Caldwell College; Carnegie Mellon University; Centenary College; College of Saint Elizabeth; Cornell University (College of Engineering); County College of Morris; Culinary Institute of America; Delaware Valley College; DeSales University; Drew University; Drexel University; Emerson College; Emory University; Eugene Lang College The New School for Liberal Arts; Fairleigh Dickinson University; Felician College; Florida Atlantic University; Fordham University; Full Sail University; Geneva College; George Mason University; Immaculata University; Ithaca College; Johnson & Wales University; Kings College; Lehigh University; Marist College; Marymount Manhattan College; Massachusetts College of Pharmacy and Health Science; Monmouth State University; Montclair State University; Moravian College; Muhlenberg College; New Jersey Institute of Technology; New York University; Pace University; Pennsylvania College of Technology; Penn State University; Philadelphia University; Quinnipiac University; Ramapo College; Rhode Island School of Design; Rochester Institute of Technology; Rowan University; Rutgers University; Seton Hall University; State University of New York; Syracuse University; Temple University; University of California at Davis; University of Connecticut; University of Massachusetts; University of Pennsylvania; University of Vermont; Virginia Polytechnic Institute and State University; Virginia Western Community College; Westminster College; Widener University; William Patterson University; and Xavier University School of Medicine.

Extracurricular Highlights

Morris County School of Technology students enjoy all the benefits of an athletic program and extra-curricular activities. Co-curricular activities develop student initiative, provide meaningful opportunities for socialization, foster leadership skills and enable students to explore a wider range of individual interests.

Sports (Varsity/Junior Varsity)

FALL

Cross Country
Boys Soccer
Girls Soccer
Girls Volleyball



WINTER

Boys Basketball
Girls Basketball
Bowling

SPRING

Baseball
Softball
Golf



Clubs and Activities

American Welding Society
Chorus
Drama Club
Environmental Awareness Club
Health Occupation Student Association (HOSA)
Jazz Band
Key Club
National Dance Honor Society
National Technical Honor Society
National Honor Society
Photography Club
Poetry Club
Skills USA
Student Government
Weightlifting Club



Four Year Course Offerings

REQUIRED	SELECTION (*Honors Courses Available)		
English (4 years)	<ul style="list-style-type: none"> • English I* • English II* • English III* • English IV* (Eligible for college credit) 		
Health/Physical Education (4 years)	<ul style="list-style-type: none"> • Physical Education/Health I • Physical Education/Health II and including Driver's Education • Physical Education/Health III and <u>may</u> include First Aid and CPR certification • Physical Education/Health IV 		
Mathematics (3 years)	<ul style="list-style-type: none"> • Algebra I • Geometry* • Algebra II/Trigonometry* • Pre-Calculus* • Calculus* • Probability and Statistics 		
Science (3 years)	<ul style="list-style-type: none"> • Physics* • Biology* • Chemistry* • Anatomy and Physiology* • Integrated Physical Science I and II 		
Social Studies (3 years)	<ul style="list-style-type: none"> • World History* • US History I* • US History II* • Macroeconomics/Global Studies (Eligible for college credit) 		
World Language (2 years)	<ul style="list-style-type: none"> • Chinese I, II, III • French I, II, III, III/IV • Spanish I, II, III, IV 		
Visual or Performing Arts (1 year) Subject to Availability	<table style="width: 100%; border: none;"> <tr> <td style="vertical-align: top;"> <ul style="list-style-type: none"> • Computers in Art • Computers in Art II • Creative Drama • Drama • Art and Composition 1 • Art and Composition 2 • Fundamentals of Music • Laboratory Band 1 • Laboratory Band 2 • Laboratory Band 3 • Laboratory Band 4 • </td> <td style="vertical-align: top;"> <ul style="list-style-type: none"> • Music History • Web Design • Virtual Computing </td> </tr> </table>	<ul style="list-style-type: none"> • Computers in Art • Computers in Art II • Creative Drama • Drama • Art and Composition 1 • Art and Composition 2 • Fundamentals of Music • Laboratory Band 1 • Laboratory Band 2 • Laboratory Band 3 • Laboratory Band 4 • 	<ul style="list-style-type: none"> • Music History • Web Design • Virtual Computing
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Electives (2 per year) Subject to Availability	<table style="width: 100%; border: none;"> <tr> <td style="vertical-align: top;"> <ul style="list-style-type: none"> • Child Psychology • Computer Programming and Problem Solving • Creative Writing • Environmental Science • Exercise Science • Film Literacy • Financial Literacy • Flexibility and Strength Training • Global Cuisine • HSPA Mathematics, English and Writing • Human Behavior I </td> <td style="vertical-align: top;"> <ul style="list-style-type: none"> • Human Behavior II • Integrated Physical Science I • Integrated Physical Science II • Intro to Video Game Programming using C# • Journalism • Medieval History • Public Speaking • SAT Preparation Math and English • Video Game Programming II • Yearbook </td> </tr> </table>	<ul style="list-style-type: none"> • Child Psychology • Computer Programming and Problem Solving • Creative Writing • Environmental Science • Exercise Science • Film Literacy • Financial Literacy • Flexibility and Strength Training • Global Cuisine • HSPA Mathematics, English and Writing • Human Behavior I 	<ul style="list-style-type: none"> • Human Behavior II • Integrated Physical Science I • Integrated Physical Science II • Intro to Video Game Programming using C# • Journalism • Medieval History • Public Speaking • SAT Preparation Math and English • Video Game Programming II • Yearbook
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Academy Program	Career and Technical courses as per Academy Program		
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