



Morris County School of Technology

400 East Main St., Denville, NJ 07834
Tel: 973-627-4600 ~ Fax: 973-627-6979
Website: www.mcvts.org
CEEB Code: 310281



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 has an enrollment of over 900 full-time students and over 400 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

(Full-time Denville students)

- Average class size 20
- Freshman Enrollment 188
- Sophomore Enrollment 186
- Junior Enrollment 170
- Senior Enrollment 181
- 14 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 Bilingualism

Class of 2017

- 154 graduates
- 90% attended a post-secondary institution (70% - 4 year college, 20% - 2 year college)
- Attended 75+ colleges & universities

SAT/ACT Scores

	Mean	Mid 50%	NJ Mean
SAT	1200	1085-1265	1009
ACT	26	23-30	23

School Counselors

Marisa Dillon dillonm@mcvts.org
 Ashley Gaunt gaunta@mcvts.org
 Jennifer Katz katzj@mcvts.org
 Tracy Longo longot@mcvts.org
 Stephen Ward wards@mcvts.org

Academies Located at the Morris County School of Technology

- Computer and Information Science (CIS)
- Design (DSN)
- Finance and International Business (FIB)
- Law & Public Safety (LPS)
- Veterinary Science (VET)
- Visual & Performing Arts (VPA MM) - Multimedia
- Culinary Arts (CUL)
- Education and Learning (E&L)
- Health Care Sciences (HCS)
- Sports Medicine (SPT)
- Visual & Performing Arts (VPA DNC) - Dance

Satellite Academies

- Law & Public Safety – located at Butler High School (Grade 12)
- Mathematics, Science and Engineering - located at Morris Hills High School
- Environmental Science - located at Jefferson High School
- Biotechnology - located at Mountain Lakes 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 150 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 PARCC 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 and Performing Arts (5 credits)
- One semester of Financial Literacy (2.5 credits)
- Academy Program (35 or 40 credits depending on concentration)
- Structured Learning Experience (SLE) (required internship) (5 credits)

Honors & Advanced Placement

Honors courses are available in English, Social Studies, Mathematics and Science. HCS students take an additional eight 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, for Class of 2020, 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 70% of seniors participate in our Grade 12 Option with County College of Morris where MCST funds up to 22 college credits for courses taken on their campus.

Administration

Scott Moffitt, Superintendent
 Shari Castelli, Assistant Superintendent for Curriculum and Instruction
 Lynne Jackson, Principal
 Mark Menadier, Assistant Principal
 Athena Borzeka, Director of Student Services & Special Education
 Kerry Eberhardt, Director of Programs
 Rori Benson, Supervisor of Instruction, CTE
 Doreen Dransfield, Supervisor of Instruction, Core Academics

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's 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.

Grading System/GPA Scale

Range	Weighted	Unweighted
97-100	5.3	4.3
94-96	5.0	4.0
90-93	4.7	3.7
87-89	4.3	3.3
84-86	4.0	3.0
80-83	3.7	2.7
77-79	3.3	2.3
74-76	3.0	2.0
70-73	2.7	1.7
67-69	1.3	1.3
64-66	1.0	1.0
60-63	0.7	0.7
<60	0.0	0.0
P (Pass)	n/a	n/a

*The highest possible GPA will vary by Academy.

Class of 2017	Weighted	Unweighted
Max	4.77	4.28
Median	3.99	3.75

College Enrollment 2015-2017 (Sampling of Schools)

American University, The University of Arizona, Auburn University, Bentley University, Binghamton University, Boston University, Bucknell University, California Polytechnic State University, University of California - Berkeley, Los Angeles, San Diego, Case Western Reserve University, Columbia University, Cornell University, Delaware Valley University, University of Delaware, Drew University, Drexel University, Embry-Riddle Aeronautical University, Emerson College, Fairleigh Dickinson University, Florida State University, Fordham University, The George Washington University, Georgetown University, Hofstra University, Ithaca College, James Madison, Johns Hopkins University, Johnson & Wales, Kutztown University, Loyola University Maryland, University of Maine, Marist College, University of Maryland, Marymount Manhattan College, University of Massachusetts, McGill University, University of Michigan, Middlebury College, Montclair State University, Muhlenberg College, University of New Hampshire, New Jersey Institute of Technology, The College of New Jersey, New York University, The University of North Carolina at Chapel Hill, Northeastern University, The Ohio State, Pennsylvania State University, University of Pennsylvania, University of Pittsburgh, Princeton, Quinnipiac University, Ramapo College of New Jersey, University of Rhode Island, Roanoke College, Rochester Institute of Technology, Rowan University, Rutgers University, University at Buffalo SUNY, University of Surrey, Vaughn College of Aeronautics and Technology, Villanova, Virginia Tech, West Virginia University, William Paterson University, Worcester Polytech

Four Year Course Offerings

English: English I*, English II*, English III*, English IV*

Mathematics: Algebra I, Geometry*, Algebra II/Trigonometry*, Pre-Calculus*, Calculus, AP Calculus AB, Foundations of College Mathematics

Science: Biology*, Chemistry*, Physics*, AP Physics I, Anatomy and Physiology I H, Environmental Science

Social Studies: World History*, US History I*, US History II*, Economics*

World Language: Chinese I-III, French I-IV, Spanish I-IV, American Sign Language, *Seal of Biliteracy available for all languages*

Structured Learning Experience (SLE):

120 hour required Internship in Academy related field of study

* Honors courses available

Academy Program Courses (Grade 9- 11)

CIS: Foundations of Computer Science, Computer Logic & Object Design, AP Computer Science, Networking Security

CUL: Culinary 9, Cooking Foundations, Baking & Pastry/Advanced Culinary Skills

DSN: Digital Design 9, The Moving Image, Visual Communication & Media

E&L: Child Related Careers 9, Childhood Development & Learning Trends in Education.

FIB: Finance 9, 10, Accounting I, Fin. Planning & Principals of Finance

HCS: Dynamics of Health Care I, II H, Medical Terminology I, II H, Anatomy & Physiology I, II H, Medical Math H, Nutrition H, Intro to Clinical Research, Clinical Practicum, Fundamentals of Health & Wellness.

LPS: Law & Public Safety 9, 10, 11

SPT: Sports Medicine 9, 10, 11

VET: Veterinary Science 9, Animal Ethics and Careers, Animal Physiology and Pathology, Animal Facilities Management

VPA Dance 9, 10, Advanced Dance Technique, Choreography & Career Planning. *Elective: Theater Arts 9, Theater Production I, II*

VPA Multimedia 9, 3D Animation & Film Making, Editing & Post Production. *Elective: Theater Arts 9, Theater Production I, II*

Grade 12 Options

Career Related Independent Study, Senior Capstone, Unmanned Aerial Vehicles, Virtual Enterprises International, Computer Science Principals, Emergency Medical Technician Certification (HCS & SPT Only), Roles and Responsibilities of Educators (E&L Only), Dual Enrollment (See front)

Sports (Varsity/JV)

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

Clubs and Activities

American Welding Society, Art and Photography, Chorus, Class of 2018, Class of 2019, Class of 2020, Class of 2021, Cornerstone Club, DECA, Drama Club/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, Tech Club