Morris County School of Technology

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CEEB Code: 310281

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2023 - 2024 SCHOOL PROFILE

School and Community

The Morris County Vocational School District (MCVSD) offers Career and Technical Education (CTE) programs for Morris County high school students. The academies are public programs of choice for Morris County residents. Students apply to an Academy program during the fall of their 8th-grade year, and the admissions process is competitive.

The academies provide students a unique high school experience combining comprehensive, high-quality academics with career and technical education (academy) classes. Each academy is a small cohort learning community. Morris County School of Technology students experience all that CTE offers, including work-based learning, mentorship from business and industry partners, access to Career and Technical Student Organizations (CTSOs), dual credit college programs, and hands-on/project-based learning.

The Morris County School of Technology (MCST) houses ten full-time academies. There are approximately 800 full-time students from over 25 Morris County school districts.

FACTS AT-A-GLANCE

School Enrollment

201
Freshmen

194
Sophomores

196
Juniors

197
Seniors

Post-Secondary Plans

Graduates Pursuing
Post-secondary Education

91%
4-year college

9%
2-year college

Class of 2023

177
Graduates

20
Average Class Size

School Accomplishments

HOSA First Place Medal Winners
Gov Stem Scholars Program
National Merit Finalists & Semifinalists
NJ Scholars
Rutgers Distinguished Scholars
Seal of Biliteracy Awards
SkillsUSA Gold Medal Winners
National African American Recognition Award (NAARA)
National Hispanic Recognition Award (NHRA)

College Entrance Exams

Class of 2023

	Mean	Median	NJ Mean
SAT	1285	1290	1079
ACT	27.0	27.5	24.6

The Morris County Vocational School District does not discriminate on the basis of race, color, ethnicity, national origin, religion, creed, sex, age, parental status, physical disability, learning disability, or sexual orientation.

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.

CURRICULUM

Required Courses
English
Health/Physical Education
Mathematics
Science
Social Studies
World Language
General Electives
Visual & Performing Arts
Financial Literacy
Academy Program
Structured Learning Experience

Academy Specific
HCS students take an additional six honors courses in accordance with their academy curriculum.

CIS students take AP Computer Science A and AP Computer Science Principles I & II
*23-24 Optional Data Analytics Certification through County College of Morris

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

Four-Year Course Offerings

ENGLISH
English I*
English II*
English III*
English IV

MATHEMATICS
Algebra I
Geometry*
Algebra II/Trigonometry*
Pre-Calculus*
Calc*
Prob/Stat

SCIENCE
Biology*
Chemistry*
Physics* (starting in 2019-2020)
Anatomy and Physiology I (H)
Environmental Science

* *Honors Available*

SOCIAL STUDIES
World History*
US History I*
US History II*
Economics*

WORLD LANGUAGE
Spanish I, II, III*, IV*
French I, II, III*, IV* (no longer as of 23-24)

STRUCTURED LEARNING EXPERIENCE
120-hour required internship in academy-related field of study

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, Montclair, 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. Participation is limited by Academy type.

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. MCST does not report 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.

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

GRADING SYSTEM & GRADE POINT AVERAGE SCALE

Class of 2023	Academy	Weighted
Highest Possible	HCS	5.02
	CIS	4.89
	FIN	4.89
	Other	4.86
Highest Actual	HCS	5.01
	CIS	4.78
	LPS	4.76
	FIN	4.78
	CUL	4.11
	DES	4.63
	EL	4.7
	AS	4.65
	MM	4.69
	BIO	4.8

The highest possible GPA is calculated by taking 45 credit, the maximum number of credits available each year.

CLUBS & ACTIVITIES

Art & Photography
Chorus
Civic Engagement Club
DECA Peer Leadership
Environmental Action Club
Environmental Action Club
Fitness Club
Gender & Sexual Alliance
Health Occupations Students of America
International Thespian Society
Jazz Band
Key Club
Literacy Club
Model United Nations
Multicultural Club
National Dance Honor Society
National Honor Society
National Technical Honor Society
Red Cross Club
Robotics Club
SkillsUSA
Student Ambassadors
Student Government

ATHLETICS

FALL
Boys & Girls Cross Country
Boys & Girls Soccer
Girls Volleyball

WINTER
Boys & Girls Basketball
Coed Bowling

SPRING
Baseball
Boys & Girls Golf
Softball

Academy Program Courses (Grade 9- 11)

AS: Evolutionary Biology & Taxonomy, Animal Ethics & Animal Careers, Animal Physiology & Pathology, Animal Facilities Mgmt.

BIO: Bioethics, Experimental Design, Introductory Biotechnology, Applied Biotechnology

CIS: Foundations of Computer Science I & II, AP Computer Science Principles I & II, AP Computer Science A, Cyber Security

CUL: Intro to Culinary Arts, Cooking Foundations, Baking & Pastry/Advanced Culinary Skills

DSN: Design Concepts, I, II, III

E&L: Intro to Field of Education, Childhood Development & Learning, Advanced Topic in Education

FIB: International Business, Core Four, Intro to Business Law, Principles of Finance, College Level Accounting Honors, Virtual Enterprise International

GSCM: International Business, Core Four, Intro to Supply Chain Management, Supply Chain Strategy, Virtual Enterprises International, Logistics Optimization and Sustainability

HCS: Dynamics of Health Care I, II H, Medical Terminology I, II H, Nutrition H, Intro to Clinical Research H, Clinical Practicum, Special Topics in HCS, Medical Health & Wellness

LPS: Civil & Criminal Law, American Law & Constitution, Crime in Society

MM: Multimedia Foundations, Sight & Sound & Story Telling, Media Studies & Exploration

Grade 12 Options
Career Related Independent Study, Senior Capstone*, Virtual Enterprises International, Emergency Medical Technician Certification (HCS & LPS Only), Dual Enrollment (See page 2) *SR Capstone is a co-requisite if 12th grade academy course is taken on MCST Campus.

College Acceptances 2020-2023
The following list represents a sampling of college acceptances.

American University	Northeastern University The Ohio State
Babson College	University
Barnard College	Penn State University
Baylor University	Pepperdine University
Bentley University	Princeton University
Binghamton University	Purdue University
Boston University	Quinnipiac University
Brown University	Rensselaer Polytechnic Institute
Bucknell University	Rochester Institute of Technology
California Polytechnic State University	Rowan University
Carnegie Mellon	Rutgers University
Case Western Reserve University	SCAD Stevens University
College of William and Mary	Skidmore College
Columbia University	Syracuse University
Columbia University	Temple University
Cooper Union	Texas A & M University-College Station
Cornell University	The College of New Jersey
Culinary Institute of America	The George Washington University
Delaware Valley University	The Julliard School
Drew University	The University of Arizona
Drexel University	The University of British Columbia
Duke University	The University of North Carolina at
Duquesne University	Chapel Hill
Elon University	Tufts University
Emerson College	University at Buffalo SUNY
Fairfield University	University of California
Fairleigh Dickinson University	University of Connecticut
Fashion Institute of Technology	University of Delaware
Florida State University	University of Maine
Fordham University	University of Maryland
Georgetown University	University of Massachusetts
Gettysburg College	University of Miami
Harvard University	University of Michigan
High Point University	University of New Hampshire
Hofstra University	University of Notre Dame
Ithaca College	University of Pittsburgh
James Madison University	University of Rhode Island
John Jay College of Criminal Justice	University of South Carolina
Johns Hopkins University	University of Surrey
Johnson & Wales University	University of Texas–Austin
Kutztown University of Pennsylvania	University of Toronto
Lafayette College	University of Virginia
Lehigh University	University of Wisconsin-Madison
Loyola University Maryland	Vanderbilt University
Lynn University	Villanova University
Marist College	Virginia Tech
Marymount Manhattan College	West Virginia University
McGill University	Worcester Polytechnic Institute
Michigan State University	Xavier University
Middlebury College	
Montclair State University	
Muhlenberg College	
New Jersey Institute of Technology	
New York University	