



**MINUTEMAN**  
HIGH SCHOOL REVOLUTIONIZED  
[www.minuteman.org](http://www.minuteman.org)



## WE ARE MINUTEMAN

Minuteman is an award-winning regional public career and technical high school and continuing education institution that integrates robust academic and technical learning. As an accredited member of the New England Association of Schools & Colleges (NEASC), Minuteman challenges all students to aspire to their full potential, accelerate their learning, and achieve success in the 21<sup>st</sup> century global community. Located in Lexington in a new state-of-the-art facility, Minuteman's member towns are Acton, Arlington, Bolton, Concord, Dover, Lancaster, Lexington, Needham, and Stow.

Academic classes are delivered on a weekly rotating schedule (one week academic, one week career major). Enrollment is across 19 career majors and in addition to a high school diploma graduating seniors are eligible for industry credentials.



*In 2020 the Massachusetts Reading Association (MRA), an organization that promotes literacy, honored Minuteman with its Exemplary Reading Program Award. For the first time in MRA history this award was given to a secondary school.*



# EVOLUTIONARY ADVANTAGE IN

## CURRICULUM OPPORTUNITIES

Students at Minuteman gain a revolutionary competitive advantage through the development of skills in their career major *and* completing a rigorous academic program.

Our academic program includes college prep courses in Math, Science, English, History, and World Language as well as Honors courses for students who successfully test at the appropriate level.

At Minuteman, you can earn college credit while in high school. Students can take Advanced Placement (AP) courses like Calculus A-B and English Literature as well as dual enrollment courses including Physics, Pre-Calculus for Engineering and Science, U.S. History after 1876, Psychology, English Composition, and Early World Literature.

In addition to a high school diploma, graduating seniors are eligible for industry credentials. In some career majors, hours may be applied toward licensing and apprenticeship program requirements. Juniors and seniors can work paying jobs related to their career major for course credit.

## APPLICATION DEADLINES

Member town applicants must complete the application process by February 15<sup>th</sup> to receive priority for admission. By this date, applicants must have:

- Provided Minuteman with requested records
- Completed Minuteman recommendation form
- Conducted an interview with the Admissions Office

Applications will be accepted after February 15<sup>th</sup>, but priority will be given to member town students who applied before the deadline. Visit [minuteman.org/admissions](http://minuteman.org/admissions)

# THIS IS MINUTEMAN

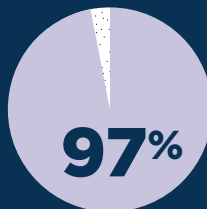
Senior Sunrise. Photo by Nathan Zwirn, Multimedia Engineering

On behalf of the faculty, staff, and administration we are excited to welcome you to Minuteman High School! Our teachers are passionate, caring, and competent. We like to say we are “high school revolutionized” because we deliver full academics alongside a valuable career and technical education. We help students aspire to their full potential, accelerate their learning, and achieve a competitive advantage to get ahead in their college and career plans. The synergy of Blue Ribbon Award-winning academics and highly-coveted career skills help our students cope, compete, and thrive in an increasingly complex world.

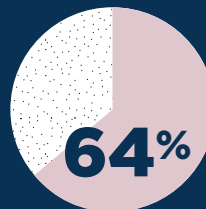
Only at Minuteman can students discover what they love to do, what they do well! We teach students how to turn that into an economic opportunity that will make them happy and independent. We want all students to enjoy our revolution in learning. With a large variety of athletic teams and various clubs and activities, there are opportunities for all students. Learn more about our academy model, CTE education, and everyday life at Minuteman on our website and follow us on our social handles!

## WHERE DO MINUTEMAN GRADUATES GO?\*

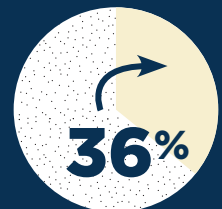
*Minuteman High School alumni are known for their college and career successes after graduation.*



are in college/university, training, or employed



are enrolled in a two- or four-year college/university



are employed in their trade of study

### *Minuteman graduates are attending...*

Auburn University, Bentley University, Berklee College of Music, Clemson University, Emerson College, Johnson & Wales University, Mass College of Art, Merrimack College, New England Institute of Technology, Regis College, Rensselaer Polytechnic Institute, Rochester Institute of Technology, Simmons University, Texas A&M University, Tufts University, Wheaton College, and numerous others, including various University of Massachusetts campuses, community colleges, and trade schools.

### *And they're working for...*

Aerospace Propulsion Division of the Air National Guard, Akian Plumbing of Watertown, Cabin 3 Media of Lexington, Brookhaven Assisted Living, Dan-Cel Plumbing of Woburn, European Flair Salon of Concord, Flannery Plumbing and Heating of Boxborough, Fitchburg Water Department, The Goddard School of Lexington, IBEW Local 103 of Boston, IBEW Local 104 of Mansfield, LaGrasso Carpentry of Billerica, SMD Electrical Contractors of Woburn, Tesla of Dedham, Triumvirate Environmental of Somerville, and more.

# ENGINEERING, CONSTRUCTION & TRADES ACADEMY

## TRADES & TRANSPORTATION PATHWAY

### AUTOMOTIVE TECHNOLOGY ☀️ \$ 📖 ☑️

- Work on foreign, domestic, and alternative fuel cars and trucks in a high-tech precision industry
- Maintain, repair and fine-tune a wide range of vehicles alongside an ASE Master Technician in a full-service automotive center
- Troubleshoot complex automotive systems using advanced diagnostic equipment

### CARPENTRY & CONSTRUCTION \$ ▲ 📖

- Build an energy efficient house from the ground up for community sale
- Experience all aspects of residential and commercial construction including estimating, framing, roofing and interior finishing
- Operate a wide range of tools and work alongside professional carpenters and general contractors



### ELECTRICAL 🗑️ \$ 📖

- Control electricity to power the world
- Design and install traditional and alternative energy systems for commercial & residential buildings
- Earn apprenticeships experience towards a journeyman's license; working with Master Electricians

### PLUMBING & HEATING ▲ \$ 📖

- Diagnose and repair commercial & residential piping systems alongside licensed Master Plumbers
- Design and install environmentally friendly systems according to renewable energy regulations
- Build innovative and efficient boiler and gas systems

🗑️ APPRENTICESHIPS 📖 CERTIFICATIONS 🗑️ COLLEGE CREDIT ☑️ COMPETITIONS  
▲ COMMUNITY PROJECTS \$ PAID INTERNSHIPS \* STATE LICENSURE ☀️ PUBLIC ACCESS

# ENGINEERING, CONSTRUCTION & TRADES ACADEMY

## COMMUNICATIONS MEDIA PATHWAY

### DESIGN & VISUAL COMMUNICATIONS \$ 🔔 ✓ 📖

- Express your unique artistic vision by creating dynamic illustrations, computer animations, and original digital photography
- Design, produce, and deliver a wide range of creative promotional materials for interactive, print, and web media
- Showcase your unique talents by creating a portfolio for college and career



### MULTIMEDIA ENGINEERING \$ ✓ 📖

- Record, edit and produce content for radio, TV, film and interactive media using advanced, industry-standard software and hardware
- Design audio, video, lighting and sets for stage, video and convention setting with real-world tools
- Learn how to function in all roles of a production team for audio, video & stage productions

### PROGRAMMING & WEB DEVELOPMENT \$ 🔔 📖

- Power the modern world by writing codes for apps, games, cyber security, and websites
- Develop creative and unique software solutions to complex problems
- Program in advanced languages such as HTML, PHP, JAVA, C++, and JavaScript

📖 APPRENTICESHIPS 📖 CERTIFICATIONS 📖 COLLEGE CREDIT ✓ COMPETITIONS  
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# ENGINEERING, CONSTRUCTION & TRADES ACADEMY

## ENGINEERING & PRODUCTION PATHWAY

### ADVANCED MANUFACTURING \$ 📁 📖

- Use cutting-edge manufacturing technologies to invent, program, design, and engineer precision parts and tools used worldwide in everyday products
- Solve challenging problems using high-tech materials, machines, and techniques
- Be a key part of a professional team in an advanced and efficient manufacturing environment

### ENGINEERING 🔔 \$ ☑

- Invent, design, and produce solutions for complex engineering challenges from concept to completion
- Create, design, and generate a wide range of prototypes, prints, and 3D computer-aided drawings
- Work individually and in teams to solve unique engineering challenges using advanced mathematics, chemistry and physics


### METAL FABRICATION & WELDING 📖 \$ 📁

- Control fire and electricity to design, dismantle, and weld a wide range of metal products
- Drill, bend, cut, punch, join, and manipulate many types of materials to create artistic sculptures
- Design layout patterns, interpret blueprints, and adhere to engineering specifications



### ROBOTICS & AUTOMATION \$ 🔔 ☑

- Build and program high-tech robots that follow your instructions
- Install, maintain, and troubleshoot complex electrical mechanical, and robotic components used in manufacturing
- Work individually and in teams to create robots, automate processes, and compete in tournaments



# LIFE SCIENCES & SERVICES ACADEMY

## HEALTH, HOSPITALITY & HUMAN SERVICES PATHWAY

### COSMETOLOGY ☀️ ✨ ☑️ 📖

- Express individual creativity by providing a wide range of artistic hair, nail and skincare services
- Experience and run a modern full-service salon and spa
- Work alongside professional cosmetologists using the latest technology, trends, and name-brand products

### CULINARY ARTS & HOSPITALITY ☀️ 💰 ☑️ 📖

- Cook and bake alongside professional chefs preparing gourmet appetizers, soups, salads, entrées, and desserts
- Join an award-winning program and gain a competitive edge in cooking and baking competitions
- Be a key part of the team that creates a unique dining experience in our student-run restaurant and bakery

### EARLY EDUCATION & TEACHING ☀️ 💰 🔔 📖

- Experience the joy of making a difference in the life of a child in our on-site child development center
- Create, research and provide developmentally appropriate educational materials and activities that make learning fun and rewarding
- Influence the future of children by shaping their intellectual, social, emotional, and physical development

### HEALTH ASSISTING 💰 📖 ▲

- Improve the well-being of others using professional medical equipment, technology, and techniques
- Explore a wide range of health careers through practical lab experiences and rigorous academic coursework
- Participate in clinical rotations and acute care facilities to enhance the quality of patients' lives





# LIFE SCIENCES & SERVICES ACADEMY

## AGRICULTURE, ENVIRONMENTAL & LIFE SCIENCES PATHWAY

### ANIMAL SCIENCE ☀ ▲ 📖

- Animal Science students will receive industry-recognized credentials, which allow them to obtain entry-level jobs upon high school graduation, or to continue to pursue their education in the field.
- There is a wide range of animal science careers – including veterinary assistant, veterinarian, lab technician, shelter director, zookeeper, farmer, and more.

### BIOTECHNOLOGY \$ ☑ 📖

- Design and perform advanced laboratory experiments to solve biological and scientific mysteries
- Use cutting-edge technology to isolate, manipulate, and alter DNA in the creation of “mutant” organisms
- Conduct hands-on research in forensics, cell biology and genetic engineering



### ENVIRONMENTAL SCIENCE & TECHNOLOGY \$ ☑ 📖

- Save the planet through focusing on green, sustainable, and renewable resources
- Conduct field studies, experiments, and research projects with environmental professionals
- Care for animals, protect endangered species, and manage natural resources

### HORTICULTURE & PLANT SCIENCE ☀ \$ ☑ ▲

- Use advanced technology and equipment to grow and maintain sustainable landscapes and farm-to-table products
- Design, construct, and manage all aspects of landscaping, turf management, and greenhouse technology

📖 APPRENTICESHIPS   📖 CERTIFICATIONS   🎒 COLLEGE CREDIT   ☑ COMPETITIONS  
▲ COMMUNITY PROJECTS   \$ PAID INTERNSHIPS   \* STATE LICENSURE   ☀ PUBLIC ACCESS

# CLUBS & ACTIVITIES



## CLUBS

- Art Club
- BBQ Club
- Community Service Club
- Drama Club
- FIRST Robotics
- Future Farmers of America (FFA)
- Game Club
- Gender Sexuality Awareness (GSA+)
- Girls in Trades
- Gourmet Club
- Math Team
- Music Club
- National Honor Society
- Peer Leaders
- Photography Club
- SADD/SAVE Promise Club
- SkillsUSA
- STEM Club
- Student Ambassadors
- Student Government



## ACTIVITIES

- Art & Literary Magazine
- Battlegreen Run (5K, 10K)
- Cards for the Elderly
- Choir
- Prom (Juniors & Seniors)
- Polar Plunge to Combat Polio
- Senior Sunrise
- Showcase Day
- Spirit Week
- Toys for Tots





## ATHLETICS

### FALL

- Cheerleading
- Cross Country (co-ed)
- Football
- Golf (co-ed)
- Soccer (Boys and Girls)
- Volleyball

### WINTER

- Basketball (Boys and Girls)
- Ice Hockey
- Swimming (co-ed)

### SPRING

- Baseball
- Lacrosse
- Softball

## STATE-OF-THE-ART ATHLETIC FACILITIES

Three new, turf athletic fields and a track opened during the 2021-22 school year with lighting and other amenities to support football, baseball, softball, cross country, soccer, lacrosse, and more.

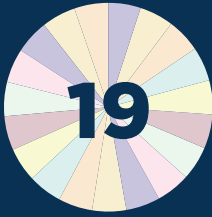


The indoor gym with modern features opened in 2019 to support basketball and physical education.

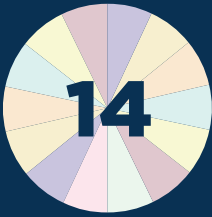


# Did You Know?

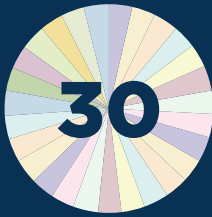
Minuteman High School offers:



Career Technical  
Education Majors



Athletic Teams



Clubs & Activities

Learn more at  
[minuteman.org/admissions](https://minuteman.org/admissions)

758 Marrett Road  
Lexington, MA 02421

781.861.6500 • [minuteman.org](https://minuteman.org)



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