



Danvers High School

Find your success at DHS

Spring 2022



Message from Principal Adam Federico

Danvers High School is committed to building a safe and positive school culture including its rigorous and diverse course offerings, extracurricular organizations, athletics, and community block program. We continue to emphasize student voice and advocacy in building our school climate. Our facility is first-rate and offers a variety of spaces and resources to support every learning style and interest.

Danvers High School offers a student-to-teacher ratio of 12:1.

[Watch
our informational video](#)

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- ★ DHS students will travel to locations such as Italy, England, Galapagos Islands, Florida, and Washington D.C.
 - ★ Opportunities for independent studies
 - ★ Access to guidance counselors and social workers
 - ★ Senior Year Internship Program

Student college outcomes

DHS students attain admission to some of the most competitive colleges and universities. American University, Berklee College of Music, Bentley University, Boston College, Boston University, University of Chicago, Colgate University, Fordham University, Hamilton College, Holy Cross, Wheaton College, Purdue University, Mount Holyoke, Northeastern University, Dartmouth College, Worcester Polytechnic Institute

Many DHS graduates go on to proudly serve our country in the armed forces or enroll in technical/vocational training programs as well.

Rigorous Course Options

DHS offers a wide variety of AP courses that allow for rigorous academic experiences and the ability to earn college credit while in high school. **DHS consistently has a majority of its test-takers score 3 or higher on AP Exams.**

- AP ELA, AP Literature, AP US History, AP US Government & Politics, AP European History
- AP French, AP Spanish, AP Psychology, AP Computer Science, AP Art
- AP Environmental Science, AP Biology, AP Chemistry, AP Physics
- AP Statistics, AP Calculus, AP Macroeconomics, AP Microeconomics

[Read more on our website about all of our courses](#)

Early Pathway to College Credits

DHS is committed to providing access to college experiences and programs through its early college partnership with North Shore Community College.

- Offer students an early college program that gives students access to college-level courses for free.
- In sophomore year students begin early college by taking the course *Understanding Higher Education and Career Pathways*.

- This foundational course provides students access and exposure to post-secondary education while earning up to 12 college credits.
- These credits are transferable to all Massachusetts State Universities and all University of Massachusetts campuses.



Dynamic Manufacturing & Woodshop

DHS has a fantastic woodshop and multiple courses that utilize it.

- Students are introduced to the fundamentals of manufacturing and design utilizing both state-of-the-art power machinery and traditional hand tools.
- Students will learn how to take a CAD design and build a furniture product by implementing all tools in the manufacturing process.
- Students will learn how to safely operate table saws, jointers, band saws, planers, mechanical sanders, etc.
- At the bench, students will learn how to correctly use hand tools such as paring chisels, hand planes, and marking gauges with reference to concepts such as the importance of flat and square. In addition, understanding the characteristics of wood movement and traditional mortise and tenon wood joinery.

Courses in the medical career pathway

- **Principles of Biomedical Science-** the introductory course of the PLTW Biomedical Science program, students explore concepts of biology and medicine to determine factors that led to the death of a fictional person. While investigating the case, students examine autopsy reports, investigate medical history, and explore medical treatments that might have prolonged the person's life. The activities and projects introduce students to human physiology, basic biology, medicine, and research processes while allowing them to design their own experiments to solve problems.
- **Human Body Systems-** Students examine the interactions of human body systems as they explore identity, power, movement, protection, and homeostasis in the body. Exploring science in action, students build organs and tissues on a skeletal Manikan ®; use data acquisition software to monitor body function such as muscle movement, reflex and voluntary action, and respiration; and take on the roles of biomedical professionals to solve real-world medical cases in this laboratory science course.
- **Medical Interventions-** Students follow the life of a fictitious family as they investigate how to prevent, diagnose, and treat disease. Students explore how to detect and fight infection;

screen and evaluate the code in human DNA; evaluate cancer treatment options, and prevail when the organs of the body begin to fail. Through real-world cases, students are exposed to a range of interventions related to immunology, surgery, genetics, pharmacology, medical devices, and diagnostics.

- **First Responders**- is an elective for students interested in learning advanced first aid skills. This course is suited for students who desire employment as a lifeguard, ski patrol, or careers in law enforcement, medicine, firefighting, or other occupations where advanced layperson medical care may be required. The course provides an overview of human anatomy, personal safety in emergency situations, legal considerations, and the care of sick and injured patients. Students will learn and use medical terminology, assessment of sick and injured people, and techniques of teamwork when dealing with emergency scenes. Upon successful completion of the course, students will earn CPR AED certification through The American Heart Association. Topics include care for bleeding, shock, wounds, fractures, and seizures, scene safety and control, drug overdose, childbirth, sudden illness, poisoning, burns, airway management, infection control, and rescue.

DHS has one of the best DECA programs in MA

- DECA is an international organization that prepares emerging leaders in marketing, management, finance, and entrepreneurship.
- DHS also has one of the most successful DECA programs in our state with hundreds of DHS students participating and competing on the state, national and international levels including **23 2022 State Champions**.
- Students can follow their passion and complete real-world role-plays and hands-on business projects to develop themselves as leaders using creativity, collaboration, and critical thinking.

DHS students excel in the fine and performing arts

- Our [DHS Marching Band](#) band participates in parades and events all over the country and performs at athletic events
- [DHS Acts](#) students work with theater staff to put on an annual musical with full-on stage and crew experiences. Students compete in the annual Mass High School Drama Festival. Students work with theater staff to put on an annual play
- Courses in studio art, portfolio art, painting, ceramics, photography, graphic design, and AP art. Art facilities with kilns, studios with natural light, outdoor courtyard spaces, and technology for digital applications. Opportunities to submit artwork in public curations and competitive opportunities. DHS had multiple students attain recognition in the Emerging Young Artists annual competition & exhibit at the Univ. of Massachusetts at Dartmouth



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- [DHS Choral Programs](#) perform at many different school concerts and events, including the annual A Cappella Night, Graduation, and community gatherings. The award-winning DHS acapella groups, *Falconize* and *Skywave*, compete twice every four years and have travel opportunities, community performances, and record professional studio albums when not preparing for competitions.



Community Block

Danvers High School has committed to building a positive culture. We have dedicated time in our school day to focus on building meaningful relationships, developing student leadership, ensuring inclusion, acceptance, and understanding, and promoting citizenship in our community. Students also work on organization and executive functioning skills.

Athletics

Danvers High School offers a robust and accessible athletic program. We have 17 athletics programs with many student-athletes moving on to compete at the collegiate level. Our programs consistently compete for NEC titles and tournament appearances with football, girls soccer, field hockey, cross country, winter track, swimming, volleyball, girls, and boys ice hockey all making postseason appearances. DHS also offers boys and girls basketball, unified basketball, baseball, spring track, and softball.

Co-curricular Activities

Danvers High School offers over 20 clubs and activities. Students are encouraged to join as many as they can fit into their schedules. Clubs include The Flying Onion School Newspaper, PRISM, Anti-Discrimination Club, Women of the World, Student Council, Mock Trial, Math Club, Ski Club, Model UN, Issue to Actions, Art Club, DECA, Falconize, Science Club, Tomorrow's Teachers, SADD, DHS Theater. There is a place for everyone at DHS!

