

Haverhill High School

CENTRAL CATHOLIC HIGH SCHOOL

ESSEX TECHNICAL HIGH SCHOOL



HAVERHILL PUBLIC SCHOOLS HIGH SCHOOL OPTIONS GUIDE

Whittier Vocational Regional
Technical High School
Austin Preparatory High School

St. John's Prep

Notre Dame Academy
Brooks School



Governor's Academy

Presentation of Mary Academy

**PHILLIPS
ACADEMY**

BRADFORD CHRISTIAN
ACADEMY



Haverhill Public Schools
High School Options Guide



Welcome to your 8th grade year! This will be an exciting and important year for you as well as your family as you take part in activities at your school and make decisions about your high school options.

With a wide range of options, it is important to know that some high schools you will be applying to will require an application and a complete 7th grade report card as well as 1-2 trimesters of your 8th grade school year. The only high school that does not require an application is Haverhill High School.

It is essential that you strive to do your very best this year. If an academic course is challenging for you or you have fallen behind due to circumstances, you should meet with your teacher to discuss common time you and your teacher can meet before, during, or after school. Your Guidance Counselor is also an excellent resource in navigating this process and helping you create the best profile possible for your application. Behavior, attendance, an interview and recommendations along with your transcripts, and in some cases your SSAT scores, will complete your application.

This book has been created to help you, and your family, review your choices and help guide you on your path to making the best decision for you!

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Overview of Schools

Haverhill High School (HHS): is a public high school for grades 9-12. No application is needed. A program of studies for all courses offered at HHS can be found online at <http://hhs.haverhill-ps.org>. Students will register for their course selections with their guidance counselor when they review the program of studies in the spring. The Classical Academy is an admissions exam school within Haverhill High School that engages academically promising students in a challenging college preparatory curriculum intended to broaden and deepen their knowledge, skills, understandings, and civic commitment. Any student interested in this program will take an exam similar to the SSAT that is given for private school admission. The exam is offered in the fall of the 8th grade year at HHS.

Whittier Regional Vocational Technical High School (WVT): is a four-year, comprehensive high school located in Haverhill. WVT integrates traditional academic content, career and vocational/technical education, and supporting elective offerings to provide students with a well-rounded educational background that prepares them for success in a variety of postsecondary settings. Curriculum options include multileveled courses, tech-prep opportunities for college credit, and cooperative educational working internships with community businesses and industry. Each year, the entire 8th grade will visit WVT for a tour and admissions presentation in the early fall/winter. The admission process begins after January 1st; applications will be available from Guidance after the visit to WVT.

Essex Technical High School (Essex Tech): is an agricultural high school experience located in the Hawthorne section of Danvers. Haverhill students can apply for the following concentrations: Plant Science, Environmental Science and Animal Science. The educational liaison from Essex Tech visits HPS's in the fall for an admission presentation. Interested students are encouraged to attend. Applications will be made available following these presentations from the Guidance Department.

Private High School Options (Central Catholic, Brooks, Austin Prep, etc.): Students wishing to pursue private school options should register for the SSAT exam and/or the appropriate high school placement test. It is the responsibility of the student's parent/guardian to sign up for the appropriate exam. Information regarding dates and times can be found at: <http://www.ssat.org>.

Applications, with appropriate recommendation forms, should be returned to the Guidance Department a minimum of two weeks prior to the appropriate due date for the school your student will be applying. If you have any concerns or questions regarding high school options, please contact your school's Guidance Counselor.

School	Guidance Counselor	Email	Phone
Dr. A.B. Consentino School	Stacey O'Brien	saobrien@haverhill-ps.org	978-374-5775
Hunking Middle School	Holly Deluca	hdeluca@haverhill-ps.org	978-374-5787
J. G. Whittier Middle School	Jacquie Vlahos	jvlahos@haverhill-ps.org	978-374-5782
Dr. Paul Nettle Middle School	Megan Crowley Kara Melillo	mcrowley@haverhill-ps.org kmelillo@haverhill-ps.org	978-374-5792

High School Options and Deadlines

<u>School</u>	<u>Testing/Interview Required</u>	<u>Open House</u>	<u>App. Deadline</u>	<u>Website/Phone</u>
Haverhill High School 137 Monument St Haverhill, MA	Classical Academy only Interviews required for the CTE programs	October 18 th 6pm		hhs.haverhill-ps.org 978-374-5700
Whittier Regional Voc. Technical School 115 Amesbury Line Road Haverhill, MA	Interviews for candidates are held at HPS Middle Schools (winter 2018)	Sunday, November 5 th from 1 to 4 pm	Online Application	www.whittiertech.org 978-373-4101
Essex Technical 562 Maple Street Danvers, MA	Interviews for candidates are held at HPS Middle Schools and in some cases at Essex Tech	November 18 th	January 12 th	www.essextech.net 978-304-4705
Central Catholic 300 Hampshire Street Lawrence, MA	Test: 12/2 at 8am-12pm *Will accept SSAT scores instead of HSPT	October 29 th 12:30-4pm	Dec. 8 th deadline	www.centralcatholic.net 978-682-0260
Notre Dame Cristo Rey High School 303 Haverhill Street Lawrence, MA	Test: 11/18 8:00 am-12pm, Call to register Interviews on Jan. 6 th & 20 th	October 22 nd 2-4pm	Dec. 15 th deadline	www.ndcrhs.org 978-689-1928
St. John's Prep 72 Spring Street Danvers, MA	HSPT: 11/4 at St. John's Can take SSAT Interview required.	September 23 rd at 9, 10, & 11am October 29 th at 9, 10, & 11am * Register Online	Dec. 15 th deadline	www.stjohnsprep.org 978-774-1050 Ext. 301
Phillips Academy 180 Main Street Andover, MA	SSAT required Requires an interview	Fall Open House September 24 th Day with Andover January 13 th	February 1 st app deadline	www.andover.edu 978-749-4050
Phillips Exeter 20 Main Street Exeter, NH	SSAT required. Interview required- must be scheduled by 1/15. Call or email (admit@exeter.edu) for appt.	No open house.	January 15 th deadline	www.exeter.edu 603-777-3437
Brooks School 1160 Great Pond Road North Andover	SSAT required Interview required, call to schedule.	September 23 rd Fall Visit Day 1-3pm *Must register to attend	January 15 th deadline	www.brooksschool.org 978-725-6271 or 978-725-6272
Presentation of Mary 209 Lawrence Street Methuen, MA	HSPT: 11/4, 12/2 at 8:30am Optional family interview before 12/22	October 29 th 10am-1pm	Dec. 22 nd deadline	www.pmamethuen.org 978-682-9391
The Governor's Academy 1 Elm Street Byfield, MA	SSAT required Interview required	October 28 th 2 sessions at 8:30 & 10:30am	January 15 th deadline If boarding- Jan 30 th	www.thegovernorsacademy.org 978-499-3120
Bradford Christian Academy 97 Oxford Ave Bradford, MA	SSAT required Interview required		First round applications due by Dec. 15 th	www.bradfordchristianacademy.org 978-373-7960

How to Choose the Right High School

Step 1: Consider the educational quality of the high school. You want to choose a school that has a reputation for providing a top quality education and good test scores. This can be beneficial to you when you're ready to choose which college or university you want to attend.

Step 2: Factor in the costs of going to your chosen school. While public high schools do not have tuitions, private schools do. Talk it over with your parents and see what makes financial sense for your family. Research scholarship options available at the schools you are interested in, as private schools may have financial aid packages.

Step 3: Visit the high schools you are interested in as this will help give you an idea of what the school is like. Speak with the faculty, students and guidance counselors to get different perspectives on academic rigor and extracurricular activities available. Ask if you can sit in on some classes or attend a sporting event or concert/play to get a sense of what it may be like to be part of this community.

Step 4: Research the extracurricular life of the high school and match this to your interests. If you love the arts and drama, consider attending a performance arts high school where you will be able to focus in on what you love. The right school for you should help maximize your potential in, and out, of the classroom.

Step 5: Consider transportation to the school from your home. Determine if the school is in a reasonable distance for you to be able to travel without any problems. If you are looking at a school with boarding options consider what it means to live away from home financially and emotionally.

This is an exciting time for you and your family! Remember to ask questions, visit schools and enjoy the process. Your guidance counselor is here to walk you through the process so feel free to use this resource.

HAVERHILL HIGH SCHOOL OVERVIEW

GRADUATION REQUIREMENTS

Twenty (20) credits are required for graduation from Haverhill High School. All students must satisfy the graduation requirements listed below. In addition, students must pass the English, Mathematics, and Science MCAS tests.

All students are strongly encouraged to meet the MassCore graduation requirements set forth by the Department of Elementary and Secondary Education. MassCore is a state recommended, rigorous program of study that aligns high school course work with college and workforce expectations. MassCore requires an additional credit in Mathematics, one credit in both World Language and Fine Arts, and two and a half additional courses.

Area of Study	HHS Credits 20	MassCore Credits 22
English (I, II, III, IV)	4.0	4.0
Social Studies (Including 1 Credit in U.S. History)	3.0	3.0
Mathematics (*Must include Algebra II)	3.0	3.0
Lab-based Science	3.0	3.0
Computer Technology	0.5	---
School-to-Career	1.0	---
Fine Arts or World Languages	1.0	---
Fine Arts	---	1.0
World Languages (*Must be the same language)	---	2.0 *
Wellness	2.0	-- **
Public Speaking (Class of 2019+)	.5	---
Electives	2.0	---
Additional Mass Core credits “(*Must be from technology, school-to-career, business, or additional core academic areas)	---	5.0

Note: Graduation requirements subject to change with School Committee approval.

****Required by law**

School-to-Career

Every student will eventually enter the work force. After high school, all students will choose to pursue an entry-level position in the workplace or secure additional skills and education by attending a two-year college, four-year college or technical school. Preparing all students to compete and perform in the real world is essential. The School to Career initiative provides the core proficiencies and academic competencies necessary for students to succeed in our globally competitive world. The School to Career vision is that this will be achieved through career-based learning experiences along with applied academics and increased emphasis on comprehensive career exploration.

Suggested Credits for Admission to Post-Secondary School

	English	Social Studies	Mathematics	Science	World Languages
Highly Selective Colleges	4	4	4-5	4	3-4
Four-Year Colleges	4	3	4	3-4	2-4
Two-Year Colleges	4	3	3	3	1-2
Technical Colleges	4	3	3	3	1-2

HVERHILL HIGH SCHOOL ACADEMIES

FRESHMEN ACADEMY

Overarching goal: Improved Student Achievement for ALL Students

The Freshmen Academy has been established to build a greater sense of school community, to foster a successful transition from middle school to high school in support of long term goals for student achievement, and to create a school culture in which each student is supported by adults and peers. All first-time freshmen, except for those enrolled in Classical Academy will be the Freshmen Academy.

Specific objectives of the Freshmen Academy include:

- Ensuring the academic success of all students using a comprehensive, research based approach.
- Creating a safe and orderly learning environment that more intentionally addresses the social, emotional and academic needs of ninth grade students.
- Maintaining on-going communication with parents to establish a positive working relationship.
- Providing teachers with consistent use of planning time for collaboration on all aspects of curriculum design and instruction to support the achievement of all students.

We believe this team structure will build a stronger school community that will encourage more meaningful relationships, increase attendance rates, decrease behavior incidents, teach organizational skills necessary to be successful, and foster higher student achievement.

THE CLASSICAL ACADEMY

The Classical Academy is an admissions exam program within Haverhill High School that engages academically promising students in a challenging college preparatory curriculum intended to broaden and deepen their knowledge, skills, understandings, and civic commitment. The Classical Academy creates scholars who are well-rounded, cultured, self-disciplined, critical thinkers who can compete at the highest academic levels. Students take an entrance exam and based on their scores, are invited to apply to the Academy. Final acceptance to Classical is based on test scores, teacher recommendations, and their middle school report cards/attendance. Many students, who would have attended private schools, have opted to choose Haverhill High for the sole purpose of participating in this program.

Students have a prescribed four-year curriculum. All core courses are honors or Advanced Placement levels. Students are required to take a minimum of four (4) Advanced Placement (AP) courses. Classical Academy students must also take and pass three years of Latin. To remain in Classical Academy, students are required to maintain no less than a “C” average in any subject.

BUSINESS ACADEMY

The Haverhill High School Business Academy provides students with the opportunity to integrate academic and occupational-related instruction to prepare them for success in life, education, and the 21st century marketplace in a supportive educational environment. The Business Academy will include exposure to a wide spectrum of post-graduate options, marketable skills, and job related possibilities.

Possible Business Career Options

Accounting	Accountants, Auditors, Entrepreneurs, Bankers, Stockbrockers, Investors, Sales and Marketing Representatives
Game Development and Design	Game Designers, Game Developers
Web Development	Web Designers, Web Developers
Television Production	Film Crew, Film Editing
Culinary	Restaurant Chef, Line Chef, Dessert Chef
Fashion	Fashion Designer and Tailor
Woodworking	Carpenters, Architects, Cabinet Makers
Cosmetology	Hair Dresser, Nail Technician

FINE ARTS ACADEMY

The Fine Arts Academy seeks to encourage an appreciation and involvement in the arts. The Fine Arts Academy fosters the individual growth of all students providing them with skills they will utilize in both the arts and in life. The goal is to enable students to develop and achieve their creative and expressive potential. There are two pathways within the Fine Arts Academy: a Visual Arts Pathway and a Music Pathway.

Possible Fine Arts Career Options

Visual/Graphic Design	Art Education, Art Therapy, Advertising, Scientific & Medical Illustrator, Art Director, Industrial Designer, Furniture Designer, Special Effects Makeup Developers
Performing/Theater Arts	Music Education, Film Composer/Arranger, Music Editor, Music Therapy, Vocalist, Songwriter, Actor, Orchestra Musician, Music Publishing

HUMANITIES ACADEMY

The humanities are the cornerstone of education and include such disciplines as English, history, classical studies, social sciences, art, philosophy, and language. They teach students how to read and write and ways of teaching others to live fully and creatively in society. Additionally, they teach students how to use their imaginations, find beauty in experience, and reflect critically on that experience. They support all academic disciplines by clarifying social policy, developments in technology, economic ideals, and public and private values. Study of the humanities provides students with historical perspective and cultural awareness which gives them the ability to express themselves clearly and accurately, to critically evaluate, analyze, and interpret ideas and actions, and the courage to make choices on shared values and priorities. The Humanities Academy will prepare students for careers in the fields of Communications, Education, and Political Science.

Possible Humanities Career Options

Education and Social Services	Advocate, Teacher, College Professor, Human Rights Linguist, Social Worker, Anthropologist
Communications	Journalist, Advertising Copywriter, Freelance Writer, Copy Editor in Publishing, Marketer, Communications Director, Publicist
Politics and Law	Lawyer, Politician, Media Consultant, Political Consultant

STEM ACADEMY

The Science, Technology, Engineering, and Math (STEM) Academy at Haverhill High School provides students with the framework, courses, and support to realize their potential for success in STEM careers. Within the STEM Academy, students have the opportunity to explore STEM related fields, develop 21st Century skills, and get a head start on their post-secondary education. STEM-related careers are expected to grow significantly in the coming years, providing tremendous opportunities for people with a strong STEM background.

Students in the STEM Academy choose from among six different academic pathways: Health & Life Sciences; Engineering, Physical Sciences; Earth and Environmental Sciences; Information Technology and Applied Mathematics. The choice of a pathway and the array of electives available allow students to explore areas of personal interest and experience real-world application of mathematics and science principles. The STEM Academy is available to all students who are interested in science, technology, engineering, or mathematics.

Possible STEM Career Options

Engineering	Manufacturing, Chemical, Civil, or Mechanical Engineer, Drafter, Landscape Architect, Surveyor
Physical Sciences	Chemist, Forensics, Teacher, Product Safety Specialist, Energy Auditor, Astronomer
Information Technology	Cloud Architect, Computer Forensics, Health, IT Specialist, Web Developer, Data Modeler
Life/Health Science	Nurse's Aide, Medical Coding, Dental Assistant, X-Ray Technician, Nursing, EMT, Paramedic, Veterinarian, Physical Therapist, Exercise Science, Doctor
Earth & Environmental Sciences	Meteorologist, Environmental Scientist, Oceanographer, Park Ranger
Applied Mathematics	Financial Analyst, Cryptographer, Actuarial Scientist, Sports Statistician, Risk Analyst

HAVERHILL HIGH SCHOOL CTE/CVTE

CTE/CVTE Programs

CVTE/CTE programs are a sequence of **rigorous** technical courses aligned with industry standards. College and career planning activities and work-based learning opportunities are embedded into all programs. Students will be well positioned to enter highly competitive college/university degree-granting programs; complete post-secondary certificate programs or immediately enter the high-demand STEM workforce. Current CVTE/CTE programs include Healthcare Occupations; NAF Academy of Information Technology; and Programming & Web Development. Due to the cohort structure of CVTE/CTE programs, students cannot be enrolled in both Classical and CVTE/CTE programs.

Admissions Policy

Application Process- for Fall Admission to the 9th or 10th Grade Programs

1. Students interested in applying for admission to the ninth or tenth grade career [vocational] technical education programs for fall admission must:
 - a) Obtain an application from their middle school guidance counselor, Haverhill High School guidance counselor or Haverhill High School website as early in the school year as possible.
 - b) Return the completed application form to the middle school guidance counselor or the Haverhill High School guidance counselor by the deadline set by the Haverhill High School Admissions Committee.
2. If incomplete applications are received, the following procedures will be followed:
 - a) The applicant's parent(s)/guardian(s) will be notified by mail or email by the Haverhill High School Admissions Committee.
 - b) If the application remains incomplete for ten school days after notifying the parent(s)/guardian(s), the application may be voided.

Late Applications

Applications received after the deadline may not be accepted. If accepted, they will be evaluated using the same criteria as other applications and their composite score will be computed. They will be placed in rank order on a waiting list with other late applications.

Selection Criteria

The Admissions Committee using weighted admissions criteria processes completed applications. Each applicant will be assigned a score derived from the sum of the sub scores of the following criteria:

A. Academic: Maximum 15%

Academic Record Scoring Rubric (15 %)					
Grade Range	83 - 100 (B, B+, A-, A, A+)	73 - 82 (C, C+, B-)	70 -72 (C-)	60 - 69 (D)	0 - 59 (F)
Points	4	3	2	1	0

Academic Record Score		
Subject	Previous Grade Level	Current Grade Level
English Language Arts (or its equivalent)		
Social Studies		
Mathematics		
Science		
Total Points = _____ / 32 = _____ %		Academic Score (% x 15) =

For applications to grade 9 (fall admission), the average of grade 7 and terms 1 & 2 grade 8 marks in English Language Arts (or equivalent), social studies, mathematics and science from the local school report card/transcript are used. For applications to grades 10 (fall admission) the average of the previous school year and terms 1 & 2 of the current school year marks in English Language Arts (or equivalent), social studies, mathematics and science from the local school report card/transcript are used. For applications to grades 9 and 10 (admission during the school year), the average of the previous school year and current school year to the date of the application marks in English Language Arts (or equivalent), social studies, mathematics and science from the local school report card/ transcript are used.

B. Attendance: Maximum 10 %

Attendance Record Scoring Rubric (10 %)					
Number of Unexcused	0 - 5	6 - 10	11 - 15	16 - 20	21+
Points	4	3	2	1	0

Attendance Record Score	Previous Grade Level	Current Grade Level
Unexcused Absences Score		
Total Points = _____ / 8 = _____ %	Attendance Score (% x 10) =	

For applications to grade 9 (fall admission), the sum of grade 7 and terms 1 & 2 grade 8 unexcused absences from the local school report card/transcript are used. For applications to grades 10 (fall admission), the sum of the previous school year and terms 1 & 2 current school year unexcused absences from the local school report card/transcript are used. For applications to grades 9 and 10 (admission during the school year) the sum of unexcused absences of the previous school year and current school year to the date of the application from the local school report card/transcript are used.

C. Discipline/Conduct Record: Maximum 10 %

Discipline/Conduct Record Scoring Rubric (10 %)					
# of Days Suspended	0	1-4	5 - 10	11 - 15	16+
Points	4	3	2	1	0

Discipline/Conduct Record Score	Previous Grade Level	Current Grade Level
Discipline/Conduct Score		
Total Points = _____ / 8 = _____ %	Discipline/Conduct Score (% x 10) =	

For applications to grade 9 (fall admission), the number of suspensions from grade 7 and terms 1 & 2 grade 8 records from the local school report card/transcript or from the local school Guidance Counselor's assessment are used. For applications to grades 10 (fall admission), the number of suspensions of the previous school year and terms 1 & 2 current school year assessments from the local school report card/transcript or from the Guidance Counselor's assessment are used. For applications to grades 9 and 10 (admission during the school year), the number of suspensions from the previous school year and the current school year to the date of the application assessments from the local school report card/transcript or from the local school Guidance Counselor's assessment are used.

D. Guidance Recommendation: Maximum 25%

Guidance Recommendation Scoring Rubric (25 %)				
Excellent	Above Average	Average	Below Average	Poor
4	3	2	1	0

Question #1	Question #2	Question #3	Question #4	Total Points= _____ / 16 = _____ %	Guidance Score (% x 25)

E. Student Interview: Maximum 40%

Interview Scoring Rubric (40 %)			
Clearly Evident	Somewhat Evident	Minimally Evident	Not Evident
3	2	1	0

Question #1	Question #2	Question #3	Total Points = _____ / 9 = _____ %	Interview Score (% x 40)

After scores are given in each area, the points will be calculated according to the weighted percentage for that area. The points are totaled for each applicant. A maximum total of one hundred (100) percent can be earned.

Selection Process

The Admissions Committee at Haverhill High School will examine, discuss and make recommendations for action on the applicants based on the criteria in the Admissions Policy.

The Admissions Committee considers academics, attendance, discipline/conduct, guidance recommendation and interview results. Applications are reviewed, processed and assigned points by grade level.

After a percentage total for each applicant has been determined, all applicants are placed in order of their "percentage total". Applicants are then accepted in order of the percentage total they have achieved. The applicant with the highest percentage total is accepted first, the applicant with the second highest percentage total is accepted second, and so on until all seats are filled. All applicants are accepted, declined, or placed on a waiting list. If openings occur, the seats are filled by accepting applicants from the waiting list. These applicants, like those accepted earlier, are accepted in order of their place on the waiting list determined by the total percentage given according to the selection criteria with preference given to resident applicants. If an acceptance is declined, admission is offered to the next applicant on the waiting list.

All applicants whose applications are received by the Haverhill High School Admissions Committee by the application deadline will be notified of their status by a letter to their parents/guardians and their local school guidance counselor by a date set on the HHS calendar. Applicants whose applications are not received by Haverhill High School's Admissions Committee by the application deadline will receive a letter each school quarter informing them of their status.

Review and Appeals

The applicant's parent(s)/guardian(s), upon receipt of a letter from Haverhill High School indicating that the applicant was not accepted or was placed on a waitlist for a particular program, may request a review of the decision by sending a letter requesting a review to the Principal of Haverhill High School within thirty days of the receipt of the rejection/wait list letter. The Principal will respond in writing to the letter with the findings of the review within thirty days.



NAF Academy of Information Technology

Career Vocational Technical Education (CVTE)

Industry Certifications

- OSHA General Industry Safety

Possible Careers

Salary/Industry Growth/Education

- *Computer Network Architects*
\$98k / 9% / Bachelor's
- *Computer Support Specialist*
\$50k / 12% / Entry Level – Bachelor's
- *Computer Systems Analyst*
\$83k / 21% / Bachelor's
- *Database Administrator*
\$80k / 11% / Bachelor's
- *Hardware Engineer*
- *IT Security Analyst*
\$89k / 18% / Bachelor's
- *Network & Computer Systems Admin*
\$76k / 8% / Bachelor's
- *Robotics Engineering*
- *Software Developer*
\$98k / 17% / Bachelor's

* Some jobs may require secondary education, a certificate or licensing.

Source: Bureau of Labor Statistic Website (Occupational Outlook Handbook: www.bls.gov/ooh)

College/Industry Partners

3M
 Juniper Networks
 Magellan Aerospace
 McGraw Hill
 Megahertz Computer
 NAF (formerly National Academy Foundation)
 Northern Essex Community College
 Omtool
 Schneider Electric
 MV Workforce Investment Board



www.haverhill-ps.org/cte

Program Description

This NAF Academy of Information Technology is an approved vocational program under MGL Chapter 74. Students will gain a variety of skills across a broad spectrum of hardware and software solutions that drive technological innovation in a modern society. The NAF Academy of Information Technology is a career technical program that prepares students for a career or post-secondary education in a broad and growing sector of the economy. Upon completion of the program, students earn a NAFTrack Certification, which entitles them to preferential hiring opportunities with NAFTrack partners such as Juniper Networks, Cisco Systems, HP, AT&T, EMC², Verizon and Xerox.

Haverhill High School is a leader in preparing students for high demand STEM careers. As a comprehensive high school, HHS is able to offer a wider variety of technical courses than smaller private schools. Additionally, HHS offers rigorous Advanced Placement[®] courses and concurrent enrollment opportunities for those students interested in attending highly competitive universities and colleges. Students will also be prepared to complete certificate programs allowing them to immediately enter the technology industry.

The program incorporates college and career readiness activities (e.g. resume building, developing a portfolio, job search and interviewing skills) as well as opportunities for students to identify and build important qualities to be successful in this industry (e.g. critical thinking, communication, organization). Using our career awareness-exploration-immersion model, students will have the opportunity to investigate various job opportunities through job shadowing, site visits, guest speakers and internships. Students are required to complete a six-week internship between their junior and senior year.

Program Content

- Computer Fundamentals
- Basic, Intermediate and Advanced Programming
- Software Development
- Hardware & Peripherals
- Computer Networking
- Troubleshooting
- Robotics
- 3D Printing
- Entrepreneurship
- Client-Server Architecture
- Cloud Computing
- Analytical Skills
- Critical Thinking
- Problem Solving
- Communication Skills

Advisory Board

Collaboration with business partners, community leaders and higher education provides real-world industry context.



Programming & Web Development

Career Technical Education (CTE)

Industry Certifications

- OSHA General Industry Safety

Possible Careers

Median Salary / Industry Growth / Education

- *Computer Network Architects*
\$98k / 9% / Bachelor's
- *Computer Systems Analyst*
\$83k / 21% / Bachelor's
- *Database Administrator*
\$80k / 11% / Bachelor's
- *IT Security Analyst*
\$89k / 18% / Bachelor's
- *Network & Computer Systems Admin*
\$76k / 8% / Bachelor's
- *Software Developer*
\$98k / 17% / Bachelor's
- *Web Developer*
\$63k / 27% / Associate's

* Some jobs may require secondary education, a certificate or licensing.

Source: Bureau of Labor Statistic Website (Occupational Outlook Handbook: www.bls.gov/ooh)

College/Industry Partners

Megahertz Computer
Northern Essex Community College
MV Workforce Investment Board



www.haverhill-ps.org/cte

Program Description

Programming & Web Development provides an in-depth focus on programming and coding and its many applications within software, web and app development. Students will learn to create:

- dynamic and user-friendly websites;
- apps to improve productivity;
- games for entertainment and education;
- code to control networks; and
- programs to keep computer systems safe.

Haverhill High School is a leader in preparing students for high demand STEM careers. As a comprehensive high school, HHS is able to offer a wider variety of technical courses than smaller private schools. Additionally, HHS offers rigorous Advanced Placement® courses and concurrent enrollment opportunities for those students interested in attending highly competitive universities and colleges.

The program incorporates college and career readiness activities including resume building, developing a portfolio, job search skills and interviewing skills. Using our career awareness-exploration-immersion model, students will have the opportunity to investigate various job opportunities through job shadowing, site visits, guest speakers and internships. Ultimately, students will complete the program with a semester-long internship or capstone project.

Program Content

- | | |
|--|--------------------------------|
| • Safety & OSHA Standards | • App Development |
| • Workplace Etiquette | • Operating Systems |
| • Computer Fundamentals | • Computer Networking |
| • Software Development | • Computer & Network Security |
| • Website Development | • Database Concepts & Planning |
| • Basic, Intermediate and Advanced Programming | • Project Management |
| | • Entrepreneurship |

Application Process

Applications are available online at the Haverhill High School website and through middle school guidance counselors.

Advisory Board

Collaboration with business partners, community leaders and higher education provides real-world industry context.



Healthcare Occupations

Career Technical Education (CTE)

Industry Certifications

- OSHA General Industry Safety
- Healthcare Level CPR & First Aid
- Certified Nursing Assistant (CNA)
- EMT (optional)

Possible Careers

Salary / Industry Growth / Education

- *Dental Assistant*
\$35k / 18% / Certificate
- *Emergency Medical Technician (EMT)*
\$32k / 24% / Certificate
- *Certified Nurse Assistant*
\$25k / 17% / Certificate or License
- *Clinical Lab Technician*
\$49k / 16% / Certificate – Bachelor's
- *Licensed Practical Nurse*
\$42k / 16% / License
- *Medical Assistant*
\$30k / 23% / Certificate
- *Plebotomist*
\$31k / 25% / Certificate
- *Physical Therapist*
\$82k / 34% / Advanced Degree
- *Physical Therapist Assistant*
\$41k / 40% / Associate's
- *Physician Assistant*
\$96k / 30% / Master's
- *Registered Nurse*
\$66k / 16% / Associate's or Bachelor's

* Some jobs may require secondary education, a certificate or licensing.

Source: Bureau of Labor Statistic Website (Occupational Outlook Handbook: www.bls.gov/ooh)

College/Industry Partners

Holy Family Hospital @ Merrimack Valley
Lawrence General Hospital
Northern Essex Community College
MV Workforce Investment Board
Starfire EMS



www.haverhill-ps.org/cte

Program Description

Our Healthcare Occupations program will provide students with the fundamentals of healthcare through rigorous coursework and practical clinical experience using state of the art technology, equipment and techniques. Students will be prepared to provide clinical support to a health care team in a hospital or office setting. The program will also prepare students for continued post-secondary education to meet their career goals. Upon graduation, students will be well prepared for several certification exams such as Healthcare Level CPR and First Aid, CNA, Medical Assistant and OSHA.

Haverhill High School is a leader in preparing students for high demand STEM careers. As a comprehensive high school, HHS is able to offer a wider variety of technical courses than smaller private schools. Additionally, HHS offers rigorous Advanced Placement® courses and concurrent enrollment opportunities for those students interested in attending highly competitive universities and colleges. Students will also be prepared to complete certificate programs allowing them to immediately enter the healthcare industry.

The program incorporates college and career readiness activities including resume building, developing a portfolio, job search skills and interviewing skills. Using our career awareness-exploration-immersion model, students will have the opportunity to explore, job shadow and intern at local hospitals, nursing homes, assisted living facilities and long-term rehabilitation hospitals.

Program Content

- Safety & OSHA Standards
- HIPPA Laws
- Professional Practices in Healthcare
- Workplace Etiquette
- Medical Records
- Patient Personal Care & Hygiene
- Medical Terminology
- Nutrition
- Anatomy & Physiology
- Vital Signs
- Emergency & Triage Procedures
- First Aid & CPR
- Medications
- Clinical Lab Skills

Application Process

Applications are available online at the Haverhill High School website and through middle school guidance counselors.

Advisory Board

Collaboration with business partners, community leaders and higher education provides real-world industry context.

CAREER INTERNSHIP OPPORTUNITIES

Students have an opportunity to pursue a career internship while at Haverhill High School. The purpose of the Career Internship is to provide students with a meaningful workplace experience working closely with a professional in a chosen field. The students will also participate in classes where they build a career portfolio, including resumes, cover letters, interviewing skills, and ultimately, letters of recommendation. The students will also learn about labor laws and their rights in the workplace.

DUAL ENROLLMENT

Haverhill High School and Northern Essex Community College have partnered together for the Early College Program which offers dual enrollment opportunities for students in Junior and Senior year. The courses offered will represent expanded subject areas to create seamless pathways of transfer credits through the Mass Transfer Block. Courses offered through dual enrollment are college-level courses for students who are looking for increased academic challenges while earning both high school and college credit. All dual enrollment courses will be held at the NECC campus and students will be enrolled into preexisting classes. Students must take an Accuplacer exam and meet established benchmark scores, which are set by NECC, to be eligible for participation.

There are two pathways to Dual Enrollment. Students can either choose a prescribed set of two courses per semester beginning their junior year or can opt to take individual courses within the Mass Transfer Block. Some examples of courses taken at NECC include English 101, US History I, Psychology 101, and First Year Seminar.

ADVANCED PLACEMENT PROGRAM

Haverhill High School offers a rich program of Advanced Placement (AP) courses designed for students who wish to pursue a rigorous course of study that reflects college/university expectations. Students can begin taking AP courses as early as sophomore year.

Some of the Advanced Placement courses offered at Haverhill High School include:

English Language & Composition	Chemistry
English Literature & Composition	Physics C: Mechanics
European History	Environmental Science
United States History	Art History
United States Government & Politics	Studio Art
Calculus AB	Microeconomics
Statistics	Spanish Language & Composition
Computer Science A	Latin
Biology	

HAVERHILL HIGH SCHOOL ATHLETICS INFORMATION

Haverhill High School sponsors a broad-based athletics program, offering 35 sports programs and fielding over 55 different teams. All programs are also governed by rules of the Massachusetts Interscholastic Athletic Association (MIAA). Students must meet all academic eligibility requirements as well as the rules and regulations set forth in both the MIAA Handbook and Haverhill Parent/Student Athlete Guide.

Fall Season	Winter Season	Spring Season
Cheerleading	Basketball, B/G (FR/JV/V)	Baseball (FR/JV/V)
Crew, B/G	Cheerleading (Basketball)	Crew, B/G
Cross Country	Gymnastics	Lacrosse, B/G (JV/V)
Field Hockey (FR/ JV/V)	Ice Hockey, B (JV/V), G (V)	Softball (FR/JV/V)
Football (FR/JV/V)	Indoor Track, B/G	Tennis, B/G
Golf	Skiing, B/G	Track and Field, B/G
Soccer, B/G (JV/V)	Swimming, B	Volleyball, B (JV/V)
Swimming, G	Wrestling (JV/V)	
Volleyball		

Participation Requirements

Student-athletes and parents must submit the following prior to participation:

- **Participation Packet**- includes HHS Permission Form, Medical History and NRH Consent
- **Physical Examination**- Student-athletes must present a valid physical on an annual basis. Physicals are valid for 13 months. Any student who has an expired or invalid physical will NOT be permitted to participate under any circumstances. Updated physicals should be submitted online or to the athletic department office through the course of the year. Physical examinations must be performed by a duly registered physician, physician's assistant, or nurse practitioner.
- **User Fee**- \$100 per student, per sport/ Fee due prior to start of season
- **Waivers**- Student-athletes who qualify for free lunch will have all user fees waived. Student-athletes who qualify for reduced lunch will pay a reduced fee of \$50 per student/ per sport. Families must apply through the school's official free/reduced lunch application process. Application material can be found on www.hillies.org under Food Services. Waiver requests will be completely confidential.
- **Refunds**- Student-athletes who do not make a team will be issued a complete refund. All other refund requests will be reviewed on a case-by-case basis.

Academic Requirements for Eligibility

A student must secure during the last marking period preceding seasonal try-outs (e.g., second quarter marks and not semester grades determine third quarter eligibility) a passing grade in the equivalent of five major subjects. To be eligible for the fall marking period, students are required to have earned credits for the previous academic year equivalent to five full year courses. A student cannot at any time represent Haverhill High School unless that student is enrolled on a full-time basis. The academic eligibility of all students shall be considered as official and determined only on the date when the report cards for that marking period have been issued to the parents of all students. Incomplete grades will not be counted toward eligibility.



WHITTIER REGIONAL TECHNICAL HIGH SCHOOL

WHITTIER REGIONAL TECHNICAL HIGH SCHOOL OVERVIEW

Admission Policy

Application process – for Fall admission to the ninth grade:

Student Responsibility:

1. Obtain an application from their local school counselor or the Whittier Tech. Guidance Office as early in the school year as possible.
2. Return the completed application form to their local school Guidance Counselor by the deadline set by the local Guidance Counselor.

Guidance Counselor Responsibility:

1. Complete their portion of the application process.
2. Forward the completed applications to the Admission Coordinator at Whittier by April 1st.

Complete applications include:

- a. Completed application form – including required signatures.
- b. For grade 9 applicants (fall admission), the average of grade 7 and terms 1 and 2 grade 8 marks in English/Language Arts, social studies, math and science from the local school report card/transcript are required.
- c. For grade 9 applicants the sum of grade 7 and terms 1 and 2 of grade 8 absences from the local school report card/transcript are required.
- d. For grade 9 applicants, the average of grade 7 and terms 1 and 2 grade 8 assessments of behavior from the local school report card/discipline file or from the local school Guidance Counselors assessment are required.
- e. For all applicants, the local school Guidance Counselor's comments are required.

Incomplete Applications:

If incomplete applications are received, the following procedures will be followed:

1. The Admission Office at Whittier will notify the local school Guidance Counselor responsible for submitting the application that the application is incomplete and will request missing documentation.
2. The applicants parent/guardian will be notified by the Whittier Admission Office in the event the problem is not resolved by the local school Guidance Counselor.
3. If after notifying the local school Guidance Counselor and parent/guardian the application remains incomplete for ten school days, the application will be voided.

Late Applications:

Applications received after April 1st will be evaluated using the same criteria as other applications and their composite score will be integrated in rank order on the established waiting list.

Selection Criteria:

Completed applications are processed by the Admission Committee using weighted admission criteria. Each applicant will be assigned a score derived from the sum of the sub scores of the following criteria:

1. Scholastic Achievement: Maximum 20 points

- a. Average of grade 7 and terms 1 & 2 grade 8 marks in English, Math, Science, Social Studies from the local school report card/transcript are used.

Grades	Points
A	5
B	4
C	3
D	2
F	1

2. Attendance: Maximum 20 points

- a. For grade 9 applicants, the sum of grade 7 and terms 1 & 2 grade absences from the local school report card/transcript are required.

# Absences	Points
0-10	20
11-20	15
21-30	10
31-40	5
41 plus	0

3. School Discipline/Conduct: Maximum 20 points

- a. For grade 9 applicants, the average of grade 7 and terms 1 & 2 grade 8 assessments of behaviors from the local school report card/discipline file or from the local school Guidance Counselors assessment are required.

Discipline/Conduct Rating	Points
Excellent	20
Above Average	15
Average	10
Below Average	5
Poor	0

4. Guidance Counselor’s Comments on Student Effort: Maximum 20 points

- a. Based upon report card

5. Interview: Maximum 20 points

Rating	Points
Excellent	20
Above Average	15
Average	10
Below Average	5
Poor	0

After points are assigned in each area, the points are totaled for each applicant. A maximum total of one hundred (100) points can be earned. In order to meet the Admission requirements for Whittier Tech, an applicant must obtain a minimum score of 67 points.



Whittier Admission Selection Process, Enrollment, and Program Placement

Selection Process

The Admission Committee at Whittier will examine, rate and make recommendations for action on the applicants. The Admission Committee considers scholastic achievement, attendance, school behavior, local Guidance Counselor's comments and interview results. Applicants are reviewed, processed and assigned points by grade level. Points are derived from the report cards of the current and previous school year.

After a point total for each resident applicant has been determined, all resident applicants are placed in order of their "point total" and town of residence. Resident applicants are then accepted in order of the point total they have achieved. The resident applicant with the highest point total is accepted first, the resident with the second highest total is accepted second, and so on until all seats are filled. All resident applicants are accepted, declined, or put on the waiting list. If an opening occurs, the seats are filled by accepting resident applicants from the waiting list. These resident applicants, like those accepted earlier, are accepted in order of their place on the waiting list determined by the total points given according to the selection criteria.

Applications received after April 1st will be evaluated using the same criteria as other applications and their complete score will be integrated in rank order on the established waiting list. All applicants whose applications are received by Whittier by April 1st are notified of their status by a letter to their parents/guardians and their local school Guidance Counselor by mid-May.

Students who did not receive a minimum of 67 points by the April 1st deadline, may choose to submit their final report card at the end of June for review. Students who achieve 67 points or higher based upon the review of the final report card will be rank ordered and integrated on to the established waiting list. Only students who achieve 67 points or above will be notified of the change in their status for waiting list placement.

Enrollment

In order to enroll at Whittier Tech for the fall, applicants must have been promoted to the grade they wish to enter by their local school district. In addition, they must have passed courses in English/Language Arts or its equivalent and mathematics for the school year immediately preceding their enrollment at Whittier. If a student fails either of these two (2) subjects at the end of the school year and had received prior acceptance, the student must successfully complete the failed course(s) the Whittier Summer School Program or a pre-approved course at another educational site. Failure to pass the summer school course(s) will result in the prior acceptance being revoked.

Vocational Technical Program Placement

All ninth graders who enroll in Whittier Tech participate in a vocational technical exploratory program designed to help them learn about their talents and interests relative to a variety of different vocational technical programs. Students initially explore each vocational technical shop for five days. At the end of the exploratory period, each student selects his/her program of choice, as well as a second and third choice from the explored shops. Students are admitted into the technical area of their choice based on grades, academic and vocational, attendance, and discipline.



ESSEX TECHNICAL HIGH SCHOOL OVERVIEW

Application Process for Fall Admission

(Students will apply for admission during the winter and spring to begin classes the following fall)

1. Students interested in applying to Essex Technical High School for fall admission to the ninth, tenth, eleventh or twelfth grade may:
 - a. Apply online/ electronically at www.essextech.net/admissions
 - b. Download an "Application for Admission at www.essextech.net/admissions, or
 - c. Obtain an "Application for Admission" from their local school Guidance Counselor.

Note: Applicants completing a paper application must submit the completed application form to the local school Guidance Counselor by the deadline set by the Guidance Counselor

2. It is the responsibility of the local school Guidance Counselor/Adjustment Counselor to:
 - a. Complete the designated Guidance Counselor signature portion of the application form. Complete and submit a recommendation rating.
 - b. Forward completed applications to the Admissions Director at Essex Technical High School by January 12, 2018. Complete applications include:
 - (i) Completed application form (including required parent/guardian, student, and Guidance Counselor signatures).
 - (ii) For applications to grade 9 (fall admission):
 - a. Grade 7 and term 1 and 2 of grade 8 marks in English language arts or its equivalent, social studies, math and science from the local school report card are required.
 - b. The sum of grade 7 and term 1 and 2 grade 8 unexcused absences from the local school report card or attendance record are required.
 - c. The local discipline records are required from all Grade 7 and term 1 and 2 (or the equivalent) of Grade 8

Incomplete Applications

If incomplete applications are received, the following procedures will be followed:

The Admissions Office at Essex Technical High School will notify the local school Guidance Counselor responsible for submitting the application that the application is incomplete and will request completion.

The applicant's parent(s)/guardian(s) will be notified by the Essex Admission Office in the event that the problem is not resolved by the local school Guidance Counselor. If, after notifying the local school Guidance Counselor and parent/guardian, the application remains incomplete for ten school days, the application will be voided.



Essex Technical High School Admission Selection Criteria and Selection Process

The Admissions Committee, using weighted admissions criteria, processes completed applications. Each applicant will be assigned a score derived from the sum of the sub scores of the following criteria:

Scholastic Achievement: Maximum 32 points (previous year's and current year's averages in: English language arts or its equivalent, math, science, and social studies)

Academic Grade	Points
A (90-100)	8
B (80-89)	6
C (70-79)	4
D (60-69)	2
59% and below	0

For applications to grade 9 (fall admission), the average of grade 7 and term 1 of grade 8 marks in English language arts or its equivalent, social studies, mathematics and science from the local school report card/transcript are used.

Attendance: Unexcused absences/tardiness (yearly average) Maximum 8 points

# Unexcused Absences/Tardiness	Points
0-4 absences/tardiness	8
5-8 absences/tardiness	6
9-12 absences/tardiness	4
12+ absences/tardiness	0

For applications to grade 9 (fall admission), the total of all of grade 7 and term 1 and 2 of grade 8 unexcused absences and tardiness from the local school report card/or attendance record are used.

School Discipline/Conduct: Maximum 20 points

Discipline/Conduct	Points
No Incidents	20
1-2 Minor Incidents	15
4-6 Minor Incidents and/or 1 Suspension	5
7+ Incidents or More than 1 Suspension	0

For applications to grade 9 (fall admission), the grade 7 and term 1 and 2 of grade 8 assessments from the local school discipline record are used.

Recommendation form: Maximum 10 points

For all applicants a recommendation completed by the applicant’s guidance counselor or current teacher in English language arts or its equivalent, social studies, math and science is required. The recommendation consists of five statements relating to the applicant and career and technical education.

Recommendation	Points
Excellent	10
Above Average	8
Average	6
Below Average	2
Poor	0

Interview: Maximum 40 points

An interview comprised of five (5) questions using a scoring rubric for each question of 0 – 8 points

Rating	Points
Strong Interest	8
Above Average Interest	6
Average Interest	4
Below Average Interest	2
Poor/No Interest	0

After points are given in each area, the points are totaled for each applicant. A maximum of (110) points can be earned.

Selection Process:

The Admissions Committee at Essex Technical High School will examine, discuss and make recommendations for action on the applicants.

The Admission Committee considers scholastic achievement, attendance/tardiness, school behavior, local teachers’ recommendation and interview results. Applications are reviewed, processed, and assigned points by grade level.

After a point total has been determined, all applicants are placed in order of their point total. Applicants are then accepted in order of the point total they have achieved. The applicant with the highest point total is accepted first, the applicant with the second highest point total is accepted second, and so on until all seats are filled. All applicants are accepted, declined, or placed on a waiting list. If openings occur, the seats are filled by accepting applicants from the waiting list. These applicants, like those accepted earlier, are accepted in order of their place on the waiting list determined by the total points given according to the selection criteria.

Applications received by the second Friday in January may be accepted and will be evaluated using the same criteria as other applications and their composite score will be integrated in rank order on the established waiting list.

All applicants whose applications are received by Essex Technical High School by January 12th are notified of their status by mid-April by a letter to their parents/guardians and an electronic communication to their local school Guidance Counselor.



SSAT INFORMATION AND REGISTRATION DEADLINES

SSAT Standard Tests are held on eight Saturdays during the testing year (October 15-June 10). Register early to avoid additional late fees and to ensure seating at your preferred test center, as rooms may fill up quickly. Testing normally begins at 9:00am, but testing times may vary, so check your admission ticket for the exact start time. Make sure you arrive 30 minutes early.

Regular Registration		Late Registration	Rush Registration
<ul style="list-style-type: none"> • Closes three weeks before the test date • Registrations must be submitted online by the regular registration deadline 	<ul style="list-style-type: none"> • Begins three weeks prior to the test date and closes two weeks before the test date • Additional \$45 late fee applies 	<ul style="list-style-type: none"> • Begins two weeks before the test date and closes the Wednesday prior to the test date • Additional \$85 rush fee applies 	

****For 2017-2018 test dates/deadlines please visit ssat.org****

Fees

- Standard Middle/Upper Level SSAT (tests given within the U.S.): \$132*
- Late Registration - \$45 additional fee* (effective 12:00 AM EDT on the dates listed above)
- Rush Registration - \$85 additional fee* (effective 12:00 AM EDT on the dates listed above)
- Change Test Date/Center Fee - \$35 additional fee*
-

Refund Policy

SSAT does not offer refunds for cancelled tests or related fees.

Fee Waivers

Students unable to pay the test fee due to financial hardship may be eligible to receive a fee waiver. A limited number of fee waivers are available directly from member schools and only one fee waiver can be applied at the time of registration. Contact the admission office at the school to which you are applying and inquire about fee waiver availability. SSAT does not offer fee waivers directly to students/families. Fee waivers cannot be applied after test registration is completed. Fee waiver amounts are determined solely by the school and can be assigned for the full fee or partial payment.