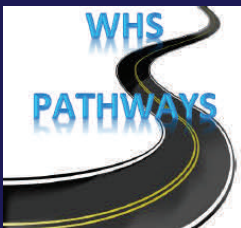
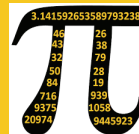




Waterford High School PATHWAYS

STEM

SCIENCE ■ TECHNOLOGY ■ ENGINEERING ■ MATH



*Paving the way towards
College and Career*

A career in **science, technology, engineering or mathematics** is exciting, challenging, and ever-changing. Learners who pursue one of these fields will be involved in planning, managing, and providing scientific research and professional and technical services including laboratory and testing services, and research and development services.

WHS STEM Pathway could lead to the following careers:


- ◆ Mechanical Engineer
- ◆ Software Developer
- ◆ Actuary
- ◆ Electrical Engineer
- ◆ Accountant
- ◆ Architect
- ◆ Information Security Analyst
- ◆ Computer Programmer
- ◆ Mathematics Teacher
- ◆ Estimator
- ◆ Civil Engineer
- ◆ Software Engineer
- ◆ Chemist
- ◆ Mechanical Engineer



STEM Pathway at Waterford High School

The STEM Pathway at WHS is a unique opportunity for students to pursue courses of study that will prepare them for post secondary experiences in the fields of Science, Technology, Engineering and Math. WHS is proud to offer this Pathway Program that will increase students' understanding of the connection between academics and potential career choices.

STEM Pathway

Pathway Courses Available	College Credit Opportunities
<ul style="list-style-type: none"> • PERSONAL FINANCE • DISCRETE MATH • PRE-CALCULUS • ARCHITECTURAL DRAFTING/CAD • CAD I AND CAD II • CONSTRUCTION ENGINEERING • FUNDAMENTALS OF LAND SURVEYING • INNOVATION IN ENGINEERING • RESIDENTIAL CONSTRUCTION • WOODWORKING I AND II • ADVANCED DRAFTING • PHYSICS FOR FUTURE PRESIDENTS • COMPUTER SCIENCE • GRAPHIC COMMUNICATIONS • TRANSPORTATION/ROBOTICS • MOBILE COMPUTER SCIENCE • INTRODUCTION TO WEB DESIGN • VIDEO PRODUCTION (ADVANCED) • WEB DESIGN (ADVANCED) • PHOTOGRAPHY (ADVANCED) • DIGITAL ART AND DESIGN I AND II 	<ul style="list-style-type: none"> • AP CALCULUS AB • AP CHEMISTRY II • AP PHYSICS I • AP PHYSICS II • AP STATISTICS • ECE CHEMISTRY • ECE BIOLOGY • AP/ECE SPANISH • AP FRENCH 

Co-Curricular Opportunities in the STEM Pathway

- SHORELINE CALCULUS COMPETITION
- OCEAN BOWL
- SCIENCE BOWL - NORTHEAST REGION
- SCIENCE OLYMPIAD
- ROBOTICS CLUB (FY18)



Waterford High School is a comprehensive high school that offers students rich educational and co-curricular experiences in a supportive , nurturing environment. Waterford students have a vast array of options from which to choose. Waterford High School’s motto is “Enter to Learn, Leave to Achieve”. We strive to enhance our students’ educational experiences so that they have the opportunity to build the future.

To learn more about the **Science, Technology, Engineering, and Mathematics Pathway** and to take steps to pursue this exciting avenue, please contact the **Waterford High School Guidance Office** at **860-437-6956** or check out the College and Career Pathways website at www.waterfordschools.org/whs.

Waterford High School

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