

science • technology
engineering • math • medical

Who pays for the STMC enrollment?

Much of the funding for STMC students is provided through a combination of HCC and WCPS payments and discounts mandated by Maryland's College and Career Readiness and College Completion Act of 2013. HCC will provide additional scholarship opportunities for low-income students. Through a combination of discounts and scholarships, students and their families will pay considerably less for STMC enrollment than they would for college enrollment after high school graduation.



STEMM

Technical Middle College

at Hagerstown Community College

To learn more, contact your school guidance counselor or:

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www.hagerstowncc.edu/middlecollege



WCPS | Washington County
Public Schools

What is the STMC?

Hagerstown Community College (HCC) and Washington County Public Schools (WCPS) have established a STEMM (science, technology, engineering, mathematics, medical) Technical Middle College which allows college-ready high school students the opportunity to earn college degrees or certificates while completing their high school diplomas.

Through the STMC, each student has the opportunity to earn at least 30 college credits, and many will be able to complete requirements for certificates and associate degrees by the time they graduate from high school. Students in ninth and tenth grade are enrolled in the STMC, as recruits, and must take significant math and science coursework at their "home" high schools to prepare them for their junior and senior years as students in the middle college on the HCC campus.

Who should apply to the STMC?

During the middle school years, students should begin to think about whether the STMC is a good fit for them. It is designed for students who are high-academic achievers, capable of rigorous coursework, and interested in STEMM careers. For these students, the benefits include:

- Enhanced learning
- Starting and finishing college early
- Building a college transcript in high school
- Saving money on a college degree
- Participating in WCPS and HCC extracurricular activities



What's the process to become an STMC student?

During middle school, interested students should contact their guidance counselors to review their educational goals and plan the appropriate coursework to prepare for entry into the STMC. In the fall of ninth grade, appropriate students are identified as STMC recruits and must plan and complete rigorous coursework at their home schools in preparation for their junior and senior years at HCC. These are typically upper-level math and science courses.

Each year, a Summer Bridge program is offered in July for STMC recruits and STMC students who are between their freshman and sophomore years and sophomore and junior years. It includes mini-courses in various STEM fields, in-depth exploration of career pathways, and group activities designed to help students explore STEM career options, learn about study skills necessary for college, and prepare to take classes at HCC's campus starting their junior year of high school.

To learn more, visit www.hagerstowncc.edu/middlecollege.

What programs of study are offered?

STMC students will select an educational pathway that will put them on the right course for a career, and further higher education if desired, in one of the following areas:

- Advanced Manufacturing Systems
- Alternative Energy Technology
- Biology
- Biotechnology
- Chemistry
- Computer Science
- Cybersecurity
- Digital Instrumentation and Process Control
- Electronic Health Records
- Engineering
- Environmental Studies
- Health Information Management
- Mathematics
- Mechanical Engineering Technology
- Paramedic Emergency Services
- Physics
- Pre-Dental Hygiene
- Pre-Medical
- Pre-Nursing
- Pre-Pharmacy
- Pre-Radiography
- Simulation and Digital Entertainment

What are the steps in progressing through the STMC?

Potential STMC students are typically identified in eighth or ninth grade. They prepare for the middle college during their freshman and sophomore years at their home schools and attend the middle college at HCC during their junior and senior years.

Grade 8	Grade 9	Grade 10	Grade 11	Grade 12
Introduction to STMC during high school career exploration and scheduling meetings. Tentative identification for purposes of scheduling.	Request Recruit Status in the fall of the year. If identified as a STMC Recruit, attend required meetings and events throughout the year.	Continue as STMC Recruit Attend Recruit meetings and events. OR Request Recruit Status if not previously identified. Apply for admission to the STMC by March 1 – Spring notification and scheduling.	Admitted students attend classes on HCC campus working toward high school diploma and college credits or degree.	Admitted students attend classes on HCC campus working toward high school diploma and college credits or degree. Students meeting diploma requirements may graduate with home school and/or participate in HCC Commencement.