Choosing Your Computer Science/Technology Elective:

The Board of Directors in the Upper Merion Area School District recognizes the growing importance of computers in all facets of life. Therefore, all graduates of our high school are required to complete at least .5 credits in any of the entry-level Computer Science/Technology courses in order to meet graduation requirements. Courses that meet this requirement are listed below.

Courses Meeting the Computer Science/Technology Graduation Requirement:

- Introduction to Computer Science

- 3D Modeling and Animation

- Web Development and Design I

- Integrated Technology

Course Descriptions:

When Should I Take My Computer Science/Technology Elective?

- If you plan on attending the Central Montco Technical School beginning in 10th grade, you **MUST** take your Computer Science/Technology Elective during your 9th grade year.

- If you plan on taking multiple Computer Science/Technology classes throughout the course of your high school career, you should begin with your first Computer Science/Technology Elective during your 9th grade year so you have room in your schedule for additional Computer Science/Technology courses as you advance.

Which Computer Science/Technology Elective is Right for Me?

Introduction to Computer Science:

Choose Introduction to Computer Science if:
- You want a better understanding of how computers work.
- You're curious about how devices are built, programmed, and run.
- You want to explore programming languages. (No prior experience required!)
- You describe yourself as technical, with strengths and interest in math and science.
- You prefer a structured environment with teacher-directed pacing.

3D Modeling and Animation:

Choose 3D Modeling and Animation if:
- You're interested in animation and game design.
- You describe yourself as both artistic/creative AND technical.
- You prefer project-based instruction.
- You work well in a self-paced environment and have strong time management skills.
- You have an eye for quality and a strong attention to detail.

Web Development and Design I:

Choose Web Development and Design I if:
- You are enthusiastic about writing code and want to use it to build websites.
- You like to solve problems and want to learn how things work.
- You are interested in exploring graphic design.
- You prefer project-based instruction and work well in a self-paced environment.
- You have an eye for design, a sharp memory, and a strong attention to detail.

Integrated Technology

Choose Integrated Technology if:
- You have room to grow your knowledge and experience using a laptop computer.
- You are interested in gaining essential skills to navigate a technology-driven world.
- You are uncertain about your interest in the Computer Science/Technology field and prefer a general course that covers many aspects of being a technology user.
- You prefer a structured environment with teacher-directed pacing and frequent check-ins for understanding and support.