

COMPUTER SCIENCE

**REQUIREMENTS FOR PROGRAM COMPLETION
FOR STUDENTS ENTERING GRADE 9 DURING THE 2016–2017 SCHOOL YEAR**

(1.0 CREDIT FROM GROUP A + 2.0 CREDITS FROM GROUP B + 1.0 CREDIT FROM GROUP C) OR
(2.0 CREDITS FROM GROUP B + 2.0 CREDITS FROM GROUP C)

GROUP A Foundation courses that provide core knowledge and skills needed for the Program of Study.			GROUP B Courses that extend academic, technical, and workplace skills to be successful in the Program of Study.			GROUP C Capstone courses or work-based learning opportunities (e.g., internship, clinical experience, or a college course).		
Course #	Course Name	Credits	Course #	Course Name	Credits	Course #	Course Name	Credits
2922	FOUNDATIONS OF COMPUTER SCIENCE A	0.5	2924	AP COMPUTER SCIENCE PRINCIPLES A	0.5	TBD	MICROCOMPUTER OPERATING SYSTEMS (CYBERWATCH 130) A	0.5
2923	FOUNDATIONS OF COMPUTER SCIENCE B	0.5	2925	AP COMPUTER SCIENCE PRINCIPLES B	0.5	TBD	MICROCOMPUTER OPERATING SYSTEMS (CYBERWATCH 130) B	0.5
			2901	AP COMPUTER PROGRAMMING 2 A	0.5	TBD	ETHICS AND THE INFORMATION AGE (CYBERWATCH 130) A	0.5
			2902	AP COMPUTER PROGRAMMING 2 B	0.5	TBD	ETHICS AND THE INFORMATION AGE (CYBERWATCH 130) B	0.5

** Unlimited repeats*

The Program of Study (POS) provides students with a planned, sequential program that blends academic, technical, and workplace skills to prepare for college or a career. The POS contains a minimum of four credits and includes relevant courses and a capstone experience such as an internship or a college course. Many POS may lead to the attainment of industry/professional certification (e.g., through formal assessments or course hours). POS are designed collaboratively with colleges, including Montgomery College, and some programs and courses have articulation agreements. An articulation agreement establishes the process for students to earn college credit for courses completed in high school. If there are articulation agreements associated with a POS, an award form will be included.

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