

Associate in Science - Computer Science

4-Year Plan for Unit 5 High Schools



Subjects	9 th Grade	10 th Grade	11 th Grade	12 th Grade
Language Arts	Honors STEM English I & II	English III	+ ENGL 101: Critical Reading and Writing (3 credits) - Fall	+ COMM 101: Intro to Oral Communication (3 credits) - Fall
			+ ENGL 102: Multimodal Composition (3 credits) - Spring	+ HUMA 101: Intro to Humanities (3 credits) - Spring
Social and Behavioral Science		U.S. History	+ HIST 101 or 102 Western Civilization (3 credits) - Fall	
			◆ » AP Government (3 credits) - Spring	
Science	Biology (or Honors)	Chemistry (or Honors)	+Physics	CHEM 161: General Chemistry I (5 credits) - Fall
				CHEM 162: General Chemistry II (5 credits) - Spring
Computer Science	Computer Science Essentials (Non-AP Option) OR AP CS Principles	AP CS Principles OR AP Computer Science (Java)	CSCI 130: Computer Science I (4 credits) - Fall	CSCI 131: Computer Science II (4 credits) - Fall
			CSCI 115: Discrete Structures (4 credits) - Spring	
Mathematics	Algebra II Honors	Honors Pre-Calculus	» AP Calculus BC (8 credits)	+ MATH 141: Statistics (4 credits) - Fall
Physical Education	Physical Education (Health)	Physical Education (Swim / Drivers Ed.)	Physical Education	Physical Education
Elective Courses*	Select Two Courses	Select One Course	Select One Course	Select Two Courses - Fall
				Select Three Courses - Spring
Summer Classes	CSCI 101: Intro to Computer Science ONLINE (4 credits)	ART 150: Understanding Art OR MUSI 150: Music Appreciation OR MUSI 260: Jazz, Blues and Rock 'N' Roll (3 credits)	BIOL 161: Principles of Biology I (4 credits)	

Legend

Unit 5 High School Courses	Required Advanced Placement Scores	Heartland Classes @ Unit 5 (Tuition and fees waived)	Heartland Classes @ HCC or online (Tuition and fees apply)
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- * Must select one elective course which meets consumer education requirement.
- ◆ Elective meets civics graduation requirement.
- + Course may be taught in a blended manner.
- » Heartland credit for advanced placement course contingent on AP test score of 3 or above.



SECONDARY EDUCATION PARTNERSHIPS
Heartland Community College