

<b>Cluster:</b>	<b>Engineering, Mechanical and Information Technologies</b>		<b>Pathway:</b>	<b>Masonry</b>	
<b>Centers of Applied Technology Career Completer</b> <i>Check your school's course offerings</i>					
<b>Graduation Requirements</b>	<b>Grade 9</b>	<b>Grade 10</b>	<b>Grade 11</b>	<b>Grade 12</b>	
<b>English - 4</b>	English 9	English 10	English 11	English 12	
<b>Social Studies - 3</b>	US Government	World Civilizations	US History	Social Studies Elective	
<b>Mathematics – 3/4 (Choose a sequence)</b>	Algebra I	Geometry	Algebra II	Math Elective	
<b>Science - 3</b>	Biology	Earth, Space Science	Physical Science	Science Elective	
<b>Physical Education - .5/1 Health Education - .5</b>	.5 PE	.5 Health	.5 PE		
<b>Fine Arts - 1</b>	.5 Fine Arts	.5 Fine Arts			
<b>Technology Education - 1</b>	.5 Fundamentals of Technology .5 Foundations of Technology				
<b>Dual Completer Foreign Language - 2</b>	Foreign Language	Foreign Language			
<b>Suggested Electives</b>		1. Carpentry I or 1. Plumbing I	.5 Architecture I		
<b>CTE Completer Program – 4</b>		1. Masonry I	2. Masonry II 1. Applied Math 1. Applied Science	4. Masonry III or 4. Work Based Learning	
Examples of careers students are preparing to enter: Bricklayer <a href="http://www.aacps.org/aacps/boe/commu/slc/engineering.htm">http://www.aacps.org/aacps/boe/commu/slc/engineering.htm</a>					
<b>Sample Two Year College Program Sequence</b>					
For options at Anne Arundel Community College, see <a href="http://www.aacc.edu/catalog/">http://www.aacc.edu/catalog/</a> Certified trade programs available at a variety of institutions. Apprenticeships available.					
<b>Semester 1</b>			<b>Semester 2</b>		
English Humanities Science Mathematics Class to satisfy Diversity requirement			English Science Humanities Fitness/Wellness Social/Behavioral Science		
<b>Semester 3</b>			<b>Semester 4</b>		
Computer Technology or Mathematics Social/Behavioral Science Electives related to major			Electives related to major		