

<b>Cluster:</b> Engineering, Mechanical and Information Technologies		<b>Pathway:</b> Plumbing		
<b>Centers of Applied Technology Tech Prep 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	AP English Language Or English 11	AP English Literature or English 12
<b>Social Studies - 3</b>	US Government	AP European History or World Civilizations	AP US History or US History	AP US Government or AP Economics or other Social Studies Elective
<b>Mathematics – 3/4 (Choose a sequence)</b>	Geometry or Algebra I	Algebra II or Geometry	Pre-Calculus or Algebra II	AP Calculus or Pre-Calculus or Math Elective
<b>Science - 3</b>	Biology	Chemistry or Earth, Space Science	Physics or Chemistry or Physical Science or AP Elective	AP Science or Other Science Elective
<b>Physical Education - .5/1</b>	.5 PE	.5 Health	.5 PE	
<b>Health Education - .5</b>				
<b>Fine Arts - 1</b>	.5 Fine Arts	.5 Fine Arts		
<b>Technology Education - 1</b>	.5 fundamentals of Technology .5 Foundations of Technology	.5 Power Energy and Transportation		
<b>Dual Completer Foreign Language - 2</b>	Foreign Language	Foreign Language		
<b>Suggested Electives</b>		1. Drafting I or 1. Welding I		
<b>CTE Completer Program – 4</b>		1. Plumbing I	2. Plumbing II 1. Applied Math 1. Applied Science	4. Plumbing III or 4. Work Based Learning
Examples of careers students are preparing to enter: plumber, home improvement associate, contractor. <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>				
Certified trade programs or apprenticeships available at a variety of institutions. For options at Anne Arundel Community College, see <a href="http://www.aacc.edu/catalog/">http://www.aacc.edu/catalog/</a>				
<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		