

<b>Cluster:</b>	<b>Engineering, Mechanical &amp; Information Technology</b>	<b>Pathway:</b>	<b>Building Maintenance and Business Support</b>	
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**Centers of Applied Technology Career Completer**

*Check your school's course offerings*

Graduation Requirements	Grade 9	Grade 10	Grade 11	Grade 12
English - 4	English 9	English 10	English 11	English 12
Social Studies - 3	US Government	World Civilizations	History	Social Studies Elective
Mathematics – 3/4 (Choose a sequence)	Algebra I	Geometry	Algebra II	Math Elective
Science - 3	Biology	Earth, Space Science	Science Elective	
Physical Education - .5/1 Health Education - .5	.5 PE	.5 Health	.5 PE	
Fine Arts - 1	.5 Fine Arts	.5 Fine Arts		
Technology Education - 1	.5 Fundamentals of Technology .5 Keyboarding			
Dual Completer Foreign Language - 2	Foreign Language	Foreign Language		
Suggested Electives				2. Applied Tech Work Based Learning
CTE Completer Program – 4		.5 Life Skills .5 Career Skills	1. Building Maintenance I 1. Applied Math 1. Applied Science	2. Building Maintenance II

Examples of careers students are preparing to enter: general building maintenance, building superintendent, etc.  
<http://www.aacps.org/aacps/boe/commu/slc/engineering.htm>

**Sample Two Year College Program Sequence**

This Tech Prep Program connects with the Drafting/CAD programs at Anne Arundel Community College. A student could earn college credit while in high school. <http://cf.aacc.edu/architecture>

Semester 1	Semester 2
English Humanities Science Mathematics <b>Class to satisfy Diversity requirement</b>	English Science Humanities Fitness/Wellness <b>Social/Behavioral Science</b>
Semester 3	Semester 4
Computer Technology or Mathematics Social/Behavioral Science <b>Electives related to major</b>	<b>Electives related to major</b>