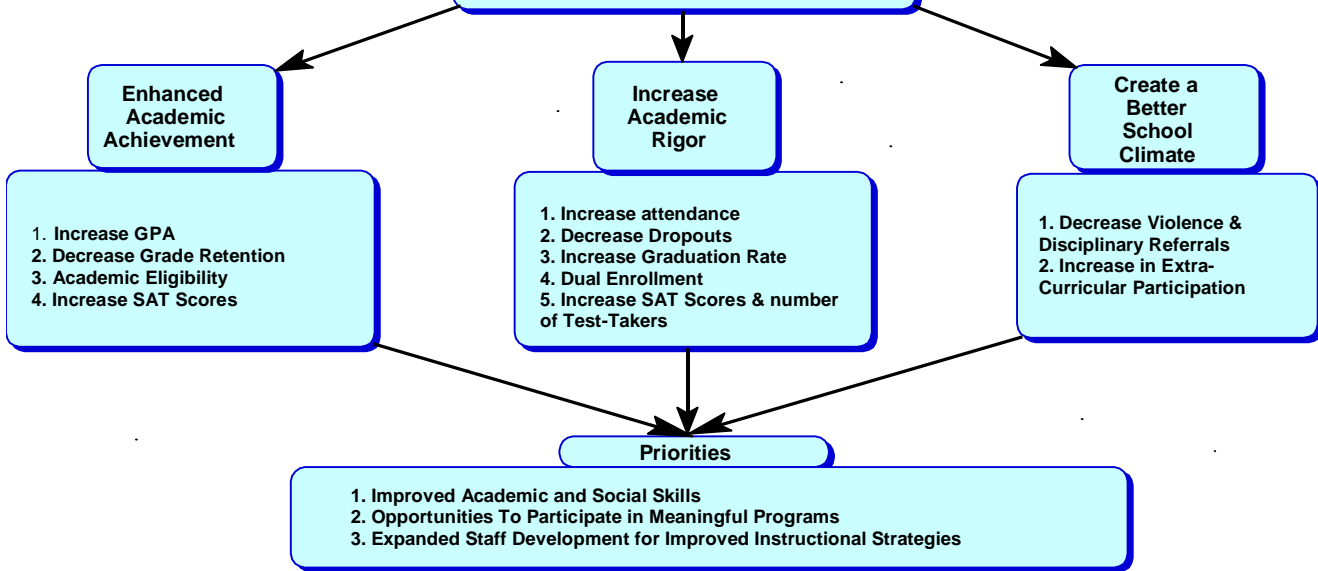


# Smaller Learning Communities



## Guiding Principles

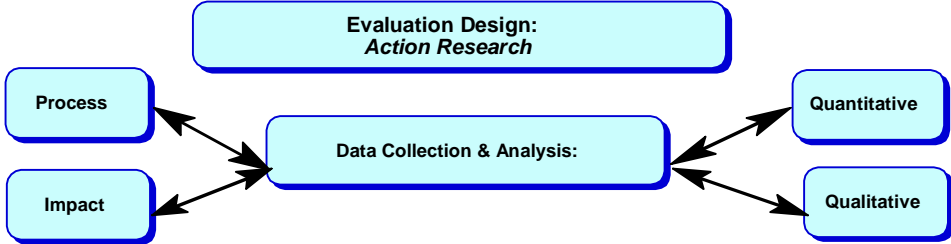
*Personalization  
Teacher Ownership  
High Expectations  
Community Partnerships*

## Strategies

*9th Grade Transition - Teaming  
Flexible Scheduling  
During- and After-School Programs  
Teacher Advisory Programs  
Career Clusters, Pathways  
Staff Development  
Community Partnerships -- Parent, Business, Post-Secondary Educational and Training Institutions*

## Activities: HSTW Key Practices

*High expectations – Eliminate Low-level courses, Offer Support Classes, Dual & concurrent Enrollment, Freshman Scholars, Attendance  
Vocational studies – Certifications, Articulation, 2+2+2  
Academic studies – Increase AP Offerings/Enrollment /Test Takers, 2+2+2  
Program of study – Clusters & Pathways  
Work-based learning – Mentors, Internships, Job Shadowing, Interviews,  
Teachers working together – 9th Grade Teams, Clusters, Staff Development  
Students actively engaged – Portfolios, Project-Based Learning, Blended Instruction  
Guidance – Teacher Advisories, Interest Inventories, Business Partner Mentors, Speakers, College/Career/Job Fairs, Parental Outreach  
Extra help – Twilight School, Summer Bridge, Double Dose, Clinics/Tutorials, Plato Labs  
Keeping score – Data Collection/Analysis/Evaluation:*

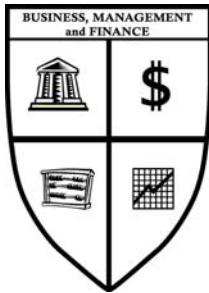




## *Arts, Communications, and Humanities*

People in the Arts, Communications and Humanities cluster design, produce, perform, exhibit, write, and create multimedia content. In communications careers, they design and work on ways to get information to audiences. Language, literature and philosophy are also included in this cluster

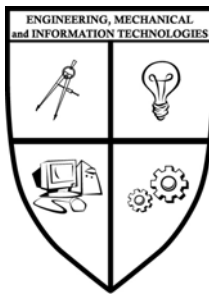
***Examples of Career Choices: Journalist, Artist, Disc Jockey, Composer, Dancer, Actor, Poet, Musician, Designer, Cartoonist, Drafter, and many, many more.***



## *Business, Management and Finance*

People in the Business, Management and Finance cluster support private companies, not-for-profit organizations and government agencies by managing people, information and finances.

***Examples of Career Choices: Advertising Executive, Accountant, Business Owner, Stock Broker, Insurance Underwriter, Banker, Marketing, Sales, and many, many more.***



## *Engineering, Mechanical and Information Technologies*

People in the Engineering, Mechanical and Information Technologies cluster use scientific and technical knowledge and skill to design, manufacture, assemble, inspect, maintain and repair components, structures and facilities.

***Examples of Career Choices: Engineer, Computer Assisted Drafter, Biologist, Marine Biologist, Astronomer, Meteorologist, Computer Network Technician, and many, many more.***



## *Health, Environmental and Life Sciences*

People in the Health, Environmental and Life Sciences cluster help people maintain their physical and mental health. Some apply their skills to repair or enhance our natural environment. They also help future generations by researching new ways to improve the quality of life.

***Examples of Career Choices: Doctor, Nurse, Nursing Assistant, Chemist, Lab Technician, Forests Technician, Park Ranger, Physician, Veterinarian, and many, many more.***



## *Human Services*

People working in the Human Services cluster provide protective, social, educational, and community services. They provide assistance to individuals, families and communities.

***Examples of Career Choices: Police Officer, Military, Firefighter, Teacher, Lawyer, Childcare, Barber/Cosmetologist, Social Worker, Physical Therapist, Chef, Chauffer, Trucker, Human Relations Specialist, Counselor, and many, many, more.***

<b>Cluster:</b>	<b>Arts, Communications and Humanities</b>	<b>Pathway:</b>	<b>Performing Arts</b>
-----------------	--	-----------------	------------------------

**High School Program**  
*Check your school's course offerings*

<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, Chemistry, or Physical Science, or AP elective	AP Science or other Science Elective
<b>Physical Education - .5/1 Health Education - .5</b>	.5 PE	.5 Health	.5 PE	
<b>Fine Arts - 1</b>	Music, Theatre or Dance Electives	Music, Theatre or Dance Electives		
<b>Technology Education - 1</b>	Keyboarding	Introduction To Computers		
<b>Foreign Language - 2 and/or Adv.Tech - 2</b>	Foreign Language or Advanced Technology	Foreign Language or Advanced Technology	Foreign Language or Advanced Technology	AP Foreign Language or Advanced Technology
<b>Suggested Electives</b>	Music, Theatre or Dance Electives such as Band, Chorus, Current Music in Perspective, Electronic Music, Guitar, Piano, Orchestra, music theory	Music, Theatre or Dance Electives such as Band, Chorus, Electronic Music, Guitar, music theory, Piano, current music in perspective, orchestra	Theatre Arts, Dance Company, Dance and Rhythmic Activities Musical Theatre, Much History and Literature, SAT Prep	AP Music Theory, Theatre, Band, Orchestra, Chorus, Guitar, Vocal Ensemble, Instrumental Ensemble, Jazz Band, Professional Career Internship
<b>CTE Completer Requirements - 4</b>	NA	NA	NA	NA

Examples of careers students are preparing to enter: Musician, Actor, Director, Teacher, Dancer, Singer.  
[http://www.aacps.org/aacps/boe/commu/slc/art\\_comm.htm](http://www.aacps.org/aacps/boe/commu/slc/art_comm.htm)

**Sample Two Year College Program Sequence**

AA Community College's Program for the Associate of Arts Degree: AACC offers a variety of classes related to Performing Arts leading to an Associate of Arts degree in Theatre, Music, Dance and Film with possible transfer to a 4-year institution. <http://www.aacc.edu/catalog/>

<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

<b>Arts, Communication, &amp; Humanities</b>	<b>Business, Management, &amp; Finance</b>	<b>Engineering, Mechanical, &amp; Information Technologies</b>	<b>Health, Environmental &amp; Life Sciences</b>	<b>Human Services</b>
<p>Foreign Language</p> <p>Journalism</p> <p>Performing Arts</p> <p>Social Sciences</p> <p>Visual Arts</p>	<p>Academy of Finance (TP)</p> <p>Academy of Marketing &amp; Management (TP)</p> <p>Academy of Travel &amp; Tourism (TP)</p> <p>Accounting (TP)</p> <p>Baking &amp; Pastry (CATN - TP)</p> <p>Cosmetology (CATN - CC)</p> <p>Culinary (CATN - TP)</p> <p>Diversified Occupations (CC, TP)</p> <p>Nail Technology (CATN - CC)</p> <p>Office Systems Management (TP)</p>	<p>Auto Collision (CATN - CC)</p> <p>Automotive Technology (CATN - TP)</p> <p>Aviation &amp; Aerospace</p> <p>Building Maintenance &amp; Business Support (CATN - CC)</p> <p>Carpentry (CATN - TP)</p> <p>Computerized Desktop Publishing (CATN - CC, TP)</p> <p>Diesel Technology (CATN - CC)</p> <p>Drafting &amp; CAD (CATN - TP)</p> <p>Electricity (CATN - TP)</p> <p>HVAC (CATN - CC, TP)</p> <p>Masonry (CATN - CC)</p> <p>Motorcycle Repair (CATN - CC)</p> <p>Networking Applications Tech (CATN - CC, TP)</p> <p>Plumbing (CATN - TP)</p> <p>Precision Machining (CATN - TP)</p> <p>Printing (CATN - TP)</p> <p>Project Lead The Way (TP)</p>	<p>Environmental &amp; Life Sciences</p> <p>Health Professions</p> <p>Human Performance</p> <p>Medical Assistant (CATN - CC)</p> <p>Nutrition &amp; Food Science (TP)</p> <p>Nutrition Science (CC)</p>	<p>Academy of Law &amp; Public Service (TP)</p> <p>Academy of Teaching Professions (TP)</p> <p>Early Childhood (TP)</p> <p>Fire Fighter Cadet (CATN - TP)</p> <p>Nursing Assistant (CATN - CC)</p> <p>Psychology &amp; Social Work</p>

\*CATN ~ Center of Applied Technology North  
\*\*CC ~ Career Completer  
\*\*\*TP ~ Tech Prep Completer

<b>Cluster:</b>	<b>Business, Management and Finance</b>	<b>Pathway:</b>	<b>Academy of Travel and Tourism</b>
-----------------	---	-----------------	--------------------------------------

**High School Program Tech Prep Completer**

*Check your school's course offerings*

<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 II	AP English Literature or English 12
<b>Social Studies 3</b>	US Government	AP European History or World Civilization	AP US History or US History	
<b>Mathematics - 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 / Chemistry or Physical Science	AP Science or Science Elective
<b>Physical Ed. .5/1 Health Education .5</b>	.5 Health	.5 PE	.5 PE	
<b>Fine Arts – 1</b>	.5 Fine Arts	.5 Fine Arts		
<b>Technology Education – 1</b>	Fundamentals of Technology			
<b>Dual Completer Foreign Language - 2 and/or Adv.Tech - 2</b>	Language Spanish I	Language Spanish II	Language Spanish III	Spanish IV
<b>Suggested Electives</b>	Personal Law, Sales & Service, Personal Law, Business Law, Technology & Information Literacy	Intro to Computers, Computer Information Technology, Computerized Desktop Publishing	Spreadsheets, Databases, Advanced Keyboarding, Word Processing I and II	
	NOTE: The Academy of Travel & Tourism Summer Internship (Paid Work Experience) component must be taken after junior year in a related field. Work-based learning option may continue through senior year.			
<b>CTE Completer Program – 4</b>	Keyboarding and Computer Elective (See Chart)	Computer Elective (See Chart)	Travel & Tourism I and Geography for Travel & Tourism	Concurrent Enrollment International Studies International Finance Economics for Travel & Tourism

Examples of careers students are preparing to enter: Hotel Desk Clerk, Executive Housekeeper, Hotel Manager, Housekeeping Supervisor, Reservations Agent, Restaurant Manager, Travel Agent, Human Resource Manager, Airport Manager. <http://www.aacps.org/aacps/boe/commu/slc/business.htm>

**Sample Two Year College Program Sequence**

This Tech Prep program connects with the Hotel/Restaurant, Business Management program at Anne Arundel Community College. A student could earn college credit while in high school. <http://www.aacc.edu/hcat>

<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

<b>Cluster:</b>	<b>Business, Management, &amp; Finance</b>	<b>Pathway:</b>	<b>Culinary Arts</b>
-----------------	--	-----------------	----------------------

**Centers of Applied Technology Career & Tech Prep Completer**

*Check your school's course offerings*

<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		
<b>Health Education - .5</b>				
<b>Fine Arts - 1</b>	.5 Fine Arts	.5 Fine Arts		
<b>Technology Education - 1</b>	.5 Introduction to Keyboarding .5 Fundamentals of Technology			
<b>Dual Completer Foreign Language - 2</b>	Foreign Language	Foreign Language		
<b>Suggested Electives</b>		.5 Applied Nutrition	.5 Nutrition Science	
<b>CTE Completer Program – 4</b>		1. Culinary Arts I	2. Culinary Arts II 1. Applied Math 1. Applied Science	4. Culinary Arts III or 4. Work Based Learning

Examples of careers students are preparing to enter: <http://www.aacps.org/aacps/boe/commu/slc/business.htm>

**Sample Two Year College Program Sequence**

This tech prep program connects with the Hospitality Culinary Arts and Tourism Institute (HCAT) at AA Community College. <http://www.aacc.edu/hcat>

<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

<b>Cluster:</b>	<b>Engineering, Mechanical and Information Technologies</b>	<b>Pathway:</b>	<b>Drafting Computer Aided Design (CAD)</b>
-----------------	---	-----------------	---

**Centers of Applied Technology Tech Prep Completer**  
*Check your school's course offerings*

<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 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	.5 Architectural Drawing I		
<b>Dual Completer Foreign Language - 2</b>	Foreign Language	Foreign Language		
<b>Suggested Electives</b>	.5 Keyboarding	.5 Intro to Computers	.5 Communications Technology I	Professional Career Internship
<b>CTE Completer Program – 4</b>		1. Drafting / CAD I	3. Drafting / CAD II 1. Applied Math	4. Drafting / CAD III or 4. Work Based Learning

Examples of careers students are preparing to enter: Architectural designer, construction manager, CAD operator, estimator, manufacturer's representative, architectural drafter, specifications writer.  
<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>

<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

<b>Cluster:</b>	<b>Engineering, Mechanical, and Information Technologies</b>	<b>Pathway:</b>	<b>Pre-Engineering PLTW</b>
-----------------	--	-----------------	-----------------------------

**(Name) High School Program Tech Prep Completer**  
*Check your school's course offerings*

<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 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>	Introduction to Technology .5 and Fundamentals of Technology .5			
<b>Dual Completer Foreign Language - 2 and/or Adv.Tech - 2</b>	Language Spanish I	Language Spanish II	AP Language or Advanced Technology	AP Language or Advanced Technology
<b>Suggested Electives</b>		PSAT Prep	SAT Prep	Professional Career Internship
<b>CTE Completer Requirements</b>	Principles of Engineering (1)	<i>(Foundation course)</i> Introduction to Engineering Design (1)	*Digital Electronics (1) Computer Integrated Manufacturing (1)	Engineering Design and Development (1)

Examples of careers students are preparing to enter: Engineering Technician or Engineering Technician Assistant (Provides an engineering background for students who plan to pursue an advanced degree in engineering).  
<http://www.aacps.org/aacps/boe/commu/slc/engineering.htm>

**Sample Two Year College Program Sequence**

Community College's Engineering Program for the Associate of Science Degree – 66 credits required – Upon completion of the Engineering curriculum, students may transfer to a B.S. degree program in engineering, or enter the job market as well-prepared, high-level engineering and physical science technicians. Articulated credit is awarded to high school students who complete the five-course PLTW program sequence. <http://www.aacc.edu/catalog/>

<b>Semester 1</b>	<b>Semester 2</b>
<b>General Chemistry I</b> <b>Introduction to Engineering (articulated credit for IED)</b> <b>Calculus I and Analytic Geometry</b> <b>English Composition and Rhetoric</b> <b>Humanities – General Ed</b>	<b>General Chemistry II</b> <b>Calculus II</b> <b>General Engineering Physics I (articulated credit for Physics)</b> <b>Mechanics I (Statics)</b>
<b>Semester 3</b>	<b>Semester 4</b>
<b>Calculus III</b> <b>General Engineering Physics II</b> <b>Mechanics II (Dynamics)</b> <b>Social Science – General Ed</b> <b>1 course from additional – CHE, MTH, EGR, PHY elective</b>	<b>Differential Equations</b> <b>General Engineering Physics III</b> <b>Arts elective – General Ed</b> <b>Social Science – elective</b> <b>1 course from additional - CHE, MTH, EGR, PHY elective</b>

<b>Cluster:</b>	<b>Health, Environmental and Life Sciences</b>		<b>Pathway:</b>	<b>Medical Assistant</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	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 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 Introduction to Keyboarding	.5 Introduction to Computers			
<b>Dual Completer Foreign Language - 2</b>	Foreign Language	Foreign Language			
<b>Suggested Electives</b>		.5 Applied Nutrition	1. Nursing Assistant		
<b>CTE Completer Program – 4</b>		1. Introduction to Health Careers	3. Medical Assistant 1. Applied Science	4. Work Based Learning (One Semester Minimum) or Medical Assistant Electives	
Examples of careers students are preparing to enter: <a href="http://www.aacps.org/aacps/boe/commu/slc/health.htm">http://www.aacps.org/aacps/boe/commu/slc/health.htm</a>					
<b>Sample Two Year College Program Sequence</b>					
This Tech Prep Program connects with the Medical Assisting program at Anne Arundel Community College. A student could earn college credit while in high school. <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		

<b>Cluster:</b>	<b>Health, Environmental and Life Sciences</b>	<b>Pathway:</b>	<b>Nutrition and Food Science</b>
-----------------	--	-----------------	-----------------------------------

**High School Program Tech Prep Completer**

*Check your school's course offerings*

<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 1	Algebra 2 or Geometry	Pre-Calculus or Algebra 2	AP Calculus or Pre-Calculus or Math elective
<b>Science - 3</b>	Biology or Matter & Energy	Chemistry or Biology	Physics or Chemistry or Anatomy & Physiology and Nutrition Science	AP Biology or AP Chemistry or other 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	Art elective	Art elective
<b>Technology Education - 1</b>	Keyboarding and Foundations of Technology	Advanced Keyboarding and Intro. to Computers	Life Skills and Career Skills	Professional Career Internship
<b>Dual Completer Foreign Language - 2 and/or Adv.Tech - 2</b>	Language Latin I or Spanish II	Language Latin II or Spanish III	Language Latin III Spanish IV	Language Latin IV AP Spanish
<b>Suggested Electives</b>			SAT Prep. Applied Nutrition III or Independent & Family Living	General Psychology and Psychology of the Individual
<b>CTE Completer Program – 4</b>	Keyboarding	Applied Nutrition I or Sports Nutrition Applied Nutrition II	Nutrition Science	Nutrition Electives or Career Internship

Examples of careers students are preparing to enter: Dietary and Nutrition Managers, Nutrition Counselor, Foods Management Specialist, Food Scientist, Health and Fitness Managers.

<http://www.aacps.org/aacps/boe/commu/slc/health.htm>

**Sample Two Year College Program Sequence**

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

<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

<b>Cluster:</b>	<b>Human Services</b>	<b>Pathway:</b>	<b>Academy of Teaching Professions</b>
-----------------	-----------------------	-----------------	--

**(Name) High School Program Tech Prep Completer**

*Check your school's course offerings*

<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 Psychology or AP Economics
<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 Matter & Energy	Chemistry or Earth, Space Science	Physics Chemistry 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	Photography & Digital Processes	Theater Arts
<b>Technology Education - 1</b>	.5 Keyboarding .5 Intro to Computers	Newspaper I Yearbook I	Newspaper II Yearbook II	Web Page Design
<b>Dual Completer Foreign Language - 2 and/or Adv.Tech - 2</b>	Spanish I French I	Spanish II & III French II & III	Spanish III & IV French III & IV	AP Language
<b>Suggested Electives</b>	Child Development I Applied Nutrition	Child Development II Psychology of the Individual General Psychology Intro to Teaching	SAT Prep Speech & Debate	Professional Career Internship
<b>CTE Completer Program - 4</b>			Content Related Field Psychology of the Individual Intro to Teaching (AACC)	Professional Career Internship Foundation of Education (AACC)

Examples of careers students are preparing to enter: <http://www.aacps.org/aacps/boe/commu/slc/human.htm>

**Sample Two Year College Program Sequence**

This Tech Prep Program connects with the Teacher Education program at Anne Arundel Community College. A student could earn college credit while in high school. <http://www.aacc.edu/teach/>

<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

<b>Cluster:</b>	<b>Human Services</b>	<b>Pathway:</b>	<b>Fire Fighter Cadet Program</b>
-----------------	-----------------------	-----------------	---------------------------------------

**Centers of Applied Technology Tech Prep Completer**  
Check your school's course offerings

<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 Health Education - .5</b>	.5 PE	.5 Health	.5 PE	
<b>Fine Arts - 1</b>	.5 Fine Arts Elective	.5 Fine Arts Elective		
<b>Technology Education - 1</b>	.5 Fundamentals of Technology	.5 Tech Elective		
<b>Dual Completer Foreign Language - 2</b>	Foreign Language	Foreign Language		
<b>Suggested Electives</b>				
<b>CTE Completer Program – 4</b>				5. Fire Cadet Program

Examples of careers students are preparing to enter: <http://www.aacps.org/aacps/boe/commu/slc/human.htm>

**Sample Two Year College Program Sequence**

**University of Maryland** -- <http://www.umd.edu/> For options at Anne Arundel Community College, see <http://www.aacc.edu/catalog/>

<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

**COLLEGE:** Anne Arundel Community College

**HIGH SCHOOL(S):** Annapolis, Arundel, Chesapeake, Glen Burnie, Meade, North Co., Northeast, Old Mill, Severna Pk

**CLUSTER:** Education and Training

**PATHWAY:** Teaching/Training

**PROGRAM:** Academy of Teaching Professions

ADULT LEARNER ENTRY POINTS

	GRADE	ENGLISH	MATH	SCIENCE	SOCIAL STUDIES	REQUIRED COURSES				
						RECOMMENDED ELECTIVE COURSES	OTHER ELECTIVE COURSES	CAREER AND TECHNICAL EDUCATION COURSES		
<b>SECONDARY</b>	9	English 9 (1)	Algebra I or Geometry (1)	Biology (1)	US Government (1)	Health (.5)	Physical Education (.5)	Keyboarding (.5)	Intro to Computers (.5)	
	10	English 10 (1)	Geometry or Algebra II (1)	Chemistry or Earth, Space Science (1)	AP European History or World Civ. (1)	Foreign Language (1)	Child Development I (1)	Bus. Pres (.5), Parenting (.5)	Intro to Teaching Prof. I (.5)	
	<b>Accuplacer administered second semester, 10th grade to assess college readiness and address areas of weakness</b>									
	11	AP English Language or English 11 (1)	Algebra II or Pre-Calculus (1)	AP Sci. elective, Physics or Chem. or Physical Sci. (1)	AP US History or US History (1)	Foreign Language (1)	Child Development II (1)	SAT Prep (.5), Psychology (.5)	Intro to Teaching Prof. II (.5)	
	12	AP English Literature or English 12 (1)	AP Calculus, Pre-Calculus or Math elective (1)	AP Science or other science elective, (1)	AP Psychology (1)	Prof. Career Internship (.5-1)	Found. of Ed.(3) [Concurrent]	Content area courses if Secondary Ed.	Content area courses if Secondary Ed.	
<b>Administer college placement exams (reading, math and writing) and other assessments to determine academic readiness and career skill preparedness; provide academic/career advising and additional preparation</b>										
<b>POSTSECONDARY</b>	Year 1 1st Semester	■●Composition and Intro to Lit. I (3)	●Fundamental Concepts of Math I (4)	■●Fund. of Bio. or Envir. Sci. (4)	■●Intro to Psychology (3)	●Foundations of Education (3)				
	Year 1 2nd Semester	■●Composition and Intro to Lit. II (3)	●Fundamental Concepts of Math II (4)	●General Physical Science (4)	●World Geography (3)	●Growth and Development (3)				
	<b>Passage of Praxis exam required for AAT</b>									
	Year 2 1st Semester	●Fund. of Oral Comm. (3)	●Fundamental Concepts of Math III (4)	●The Solar System (4)		■●Educational Psychology (3)	●Introduction to Special Education (3)			
Year 2 2nd Semester				■●American History 1 or 2 (3)	●Foundations of Reading & Lang. Arts (3)	●Personal & Community Health (3)	■●American Government (3)	●Introduction to Fine Arts (3)		
						<b>Required Courses</b>				
						<b>Recommended Elective Courses</b>				
						<b>Career and Technical Education Courses</b>				
						<b>Credit-Based Transition Programs (e.g. Dual/Concurrent Enrollment, Articulated Courses, 2+2+2 (◆=High School to Com. College) (●=Com. College to 4-Yr Institution) (■=Opportunity to test out)</b>				
						<b>Mandatory Assessments, Advising, and Additional Preparation</b>				



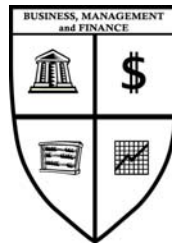
Funded by the U. S. Department of Education (V051B020001)

Rev: Sept. 2005

To complete the Associate of Arts in Teaching (AAT), a student must submit passing Praxis scores, and earn a 2.75 cumulative grade point average and a C or better in all coursework.

Upon successful completion of an AAT and acceptance into any Maryland public or private education program, a seamless transfer without loss of credit is guaranteed.

## SLC Fact Sheet #5: Community Involvement Opportunities



The Smaller Learning Communities (SLC) grant is a three-year grant from the U.S. Department of Education to Anne Arundel County Public Schools to restructure five high schools into smaller units, or Smaller Learning Communities. The goals of the project are to enhance academic achievement and create a better school climate. The five schools implementing smaller learning communities are: Arundel, Glen Burnie, Meade, North County, and Old Mill Senior High Schools.

Activity	Investment
1. <b>Company Tour:</b> <i>Conduct a guided tour for students and/or teachers</i>	2 hours
2. <b>Guest Speaker:</b> <i>Describe your work, how you got started, what training is needed</i>	2 hours
3. <b>Brown Bag Lunch:</b> <i>Conduct lunches with students and teachers</i>	2 hours
4. <b>Mock Interviews:</b> <i>Conduct practice job interviews with students</i>	2 – 4 hours
5. <b>Donate or Provide Materials:</b> <i>Donate materials for experiments, projects, special events and performances.</i>	In-kind or funds
6. <b>Career Day/Career Fair:</b> <i>Participate in Career Days or Career Fairs</i>	4 - 8 hours
7. <b>Judge for Competitions and Portfolios:</b> <i>Judge competitions and projects</i>	1 day
8. <b>Job Shadow Host:</b> <i>Match students or teachers with employees so they can learn more about jobs and about the work environment</i>	6 hours or more
9. <b>Subject Matter Expert:</b> <i>Provide examples from your business or organization for teachers to use in lesson plans</i>	2 – 8 hours
10. <b>Scholarships:</b> <i>for students to continue training and education</i>	As desired
11. <b>Sponsorships:</b> <i>Sponsor a career exploration activity that requires resources: buses for transportation, refreshments at meetings, etc.</i>	Up to \$2,500
12. <b>Chamber Education Committee Member:</b> <i>Serve on Committee</i>	Meets monthly
13. <b>Business Advisory Board:</b> <i>Serve as advisors with other businesses</i>	Meets monthly
14. <b>Career Academy Advisor:</b> <i>Serve as Advisor to a Career Academy</i>	Meets monthly
15. <b>Cluster Resource Team Member:</b> <i>Provide examples from your business for lesson plans; identify business resources for other activities.</i>	Ongoing
16. <b>Craft Advisory Committee:</b> <i>Advise on a specific industry</i>	1 meeting/year
17. <b>Internship Host:</b> <i>Host a student in the workplace</i>	9 – 16 weeks
18. <b>Mentor:</b> <i>Help a student with homework, life skills, career exploration.</i>	Ongoing
19. <b>Cooperative Education Employer:</b> <i>Hire a student who works while in school.</i>	Ongoing; Student stipend