



# HOW TO TAKE ADVANTAGE OF OPPORTUNITIES FOR CHS STUDENTS

# OVERVIEW...

- Graduation Requirements
- Education Career Plan (ECP)
- Completers and Career Majors
- Internships
- CHS Academies (AHC, BIM, HHSS, STEM)
- Dual Enrollment
- The Scheduling Process

# GRADUATION REQUIREMENTS

- 4 credits English
- 3 credits of Math (Students must enroll in a math course every year)
- 3 credits Science (Conceptual Physics, Chemistry I, Biology)
- 3 credits Social Studies (Government, US History, World History)
- 1 credit Fine Arts
- 1 credit Technology Education (FOT, Exploring Computer Science, or AP Computer Science)
- 1 credit Physical Education (Including PE I)
- ½ credit Health
- ½ credit Financial Literacy.....PLUS

# MORE GRADUATION REQUIREMENTS

- Testing Requirements (MCAP)
- 75 Service Learning Hours (Google Classroom)
- AND at least ONE of the following:
  - Completion of a State Approved Completer Program
  - OR
  - 2 credits of (the same) World Language
  - OR
  - 2 credits of Advanced Technology classes (Technological Design & Advanced Design Applications)



## GRADUATION REQUIREMENTS

20 TOTAL CREDITS OUT OF 32 POTENTIAL  
CREDITS



HOW DO STUDENTS BEGIN TO FILL THEIR  
“ECP” WITH THOSE 12 EXTRA CREDITS?



**WHAT IS AN ECP?**

Subject/Credits	Grade 9 & Earlier	Grade 10	Grade 11	Grade 12
English (4)	HON ENGLISH 9	HON ENGLISH 10	AP LANG & COMP ✘	HON ENGLISH 12 ✘
Social Studies (3)	HON GOVERNMENT	HON US HISTORY	AP WORLD HISTORY ✘	
Science (3)	HON CHEMISTRY I HON CONCEPTUAL PHYSICS	HON BIOLOGY	AP ENVIRONMENTAL STUDIES ✘	
Math (3 if completer, 4 if Univ of MD, 4 if grad year is 2018 or greater)	HON ALGEBRA I HON GEOMETRY	HON ALGEBRA II	HON TRIG/PRE-CALCULUS ✘	AP CALCULUS AB ✘ AP STATISTICS ✘
Phys Ed (1)		ADV WEIGHT TRAINING		
Health (0.5)	HEALTH I			
Financial Literacy (0.5) or Software Applications (1)		MANAGING PERS FINANCE W/ EXCEL		
Foundations of Technology (1)			EXPLORING COMPUTER SCIENCE ✘	
Fine Arts (1)		DRAMA I DRAMA II		
World Language (2) or Advanced Tech (2) or Completer Program (4-6)	SPANISH IB - ACADEMIC HON SPANISH III SPANISH II	HON ACCOUNTING I		
Electives	HON FRESHMAN SEMINAR		ACCOUNTING II ✘ HON ACADEMY OF FINANCE I ✘ PRINCIPLES OF BUS ADMIN & MGMT ✘	ADV BUSINESS MANAGEMENT ✘ AP MACROECONOMICS ✘ DUAL ENROLLMENT - FIN LIT ✘ FINANCE ACADEMY II ✘
<b>Total Credits (25)</b>	<b>10.00</b>	<b>8.00</b>	<b>8.00</b>	<b>7.00</b>

Enter New Course:

English  Grade 11  Course Name / Course #

Add Course to ECP





**RIGOR**

CRAFTING A COMPETITIVE TRANSCRIPT

## WHAT IS A COMPLETER PROGRAM?

- A series of State-Approved Courses that, upon COMPLETION, result in a State-approved Completer Certificate. (This can be a substitute for the 2 credit World Language requirement.)
- Makes your student eligible for an internship

## COMPLETER: [Financial Services](#) (Credits: 5)/National Academy of Finance Endorsement

CREDITS: 7

- Guideline for Course Selections
- Refer to Graduation Requirements in the Program of Studies for specific course requirements in each content area

Grade →	9	10	11	12
Exact scheduling depends on student's plan and school's master schedule.	English 9 (1)	English 10 (1)	English 11 (1)	English 12 (1)
	US Government (1)	US History (1)	World History (1)	
	Conceptual Physics (1)	Chemistry (1)	Biology (1)	
	Algebra I (1)	Geometry (1)	Algebra II (1)	Higher Level Math (1)
	PE (.5) / Health (.5)		PE (.5)	
		Managing Personal Finance Using Excel (1)		
	Fine Arts (1)	Foundations of Technology (1)		
	World Language (1)	World Language (1)		
Completer Program Requirements			Honors Accounting I (1) Honors Finance Academy I (1) Accounting II at WHS (1)	Honors Finance Academy II (1) Honors Academy of Finance Internship (1-2)
Additional Requirements for NAF Endorsement (7 credits)	Freshman Seminar (.5) (Strongly encouraged by NAF)			Dual Enrollment in finance course (.5) Additional Internship- paid (1)
Career Specific Electives (may be taken any year offered after prerequisites have been satisfied)	Business Communications & Keyboarding (1), Principles of Business Administration and Management (1), Business Law (1), Honors Economics (.5), Office Systems Management (1)			
8 credits possible per year				
Value Added: From: Program:	3 Transcribed credits via Financial Services completer; 6 total transcribed credits via Academy of Finance Carroll Community College Accounting			

[Return to Program of Studies](#)

[Return to Pathways](#)

[Return to Index](#)

# COMPLETER PROGRAMS AT CHS!!

- Academy of Finance (Application Required)
- ECE (Early Childhood Education)
- Computer Science
- Business Completers
  - Accounting
  - Business Administration & Management
  - Honors Marketing
- CASE Agricultural Sciences- Animal
- CASE Agricultural Sciences- Plant
- JROTC (3 Courses: LET I, II and III)



## COMPLETER PROGRAMS AT THE CAREER & TECHNOLOGY CENTER

- Apply Online by December 1<sup>st</sup> of 10<sup>th</sup> Grade Year
- Programs are housed at the Tech Center in Westminster and at Century (Finance Academy)
- Some Programs offer College credit
- Some Programs offer Industry Standard Credentials

# COMPLETERS AT CAREER & TECH (IN WESTMINSTER)

Cosmetology      Culinary Arts      Homeland Security/Criminal Justice  
Carpentry      Auto Service Technology      PLTW Biomedical Science

PLTW Engineering      Cyber Operations (Cisco)      Building Maintenance  
Cyber Security-CISCO Networking      Collision Repair Tech      Drafting  
Global Info. Systems      Electrical Construction      HVAC      Masonry  
Heavy Equipment & Truck Tech      Applied Mechanical Engineering  
Print Production      Video Production      Textiles & Fashion Careers  
Welding Technology      Academy of Health (Nursing and Phys. Rehab)

# COMPLETER PROGRAM AT WESTMINSTER HIGH SCHOOL

- Only one....The TAM Program (Teacher Academy of Maryland)
- For students considering teaching in a middle or high school
- Sequence:
  - Honors Child & Adolescent Development here at CHS
  - 2 courses at Westminster High School
  - Internship at Oklahoma Road Middle School

## SO WHAT IS A CAREER MAJOR?

- A pre-established, but flexible sequence of 4 or more courses that qualify students for an internship in the senior year
- Unlike Completer Programs, Career Majors DO NOT require an application.
- Required courses for each Career Major are listed in the GRAY SHADED BOX under each Career Major in the Program of Studies book.



## CAREER MAJOR: Social Work

CREDITS: 4

- Guideline for Course Selections
- Refer to Graduation Requirements in the Program of Studies for specific course requirements in each content area

Grade →	9	10	11	12
Exact scheduling depends on student's plan and school's master schedule	English 9 (1)	English 10 (1)	English 11 (1)	English 12 (1)
	US Government (1)	US History (1)	World History (1)	
	Conceptual Physics (1)	Chemistry (1)	Biology (1)	
	Algebra I (1)	Geometry (1)	Algebra II (1)	Higher Level Math (1)
	World Language (1)	World Language (1)		
	PE (.5) / Health (.5)		PE (.5) / Financial Literacy (.5)	
	Fine Arts (1)	Foundations of Technology (1)		
<b>Career Major</b> (4 minimum credits)		Child & Adolescent Development (1)	Psychology I or Honors Psychology I (1) Political Science (.5) Sociology (.5) Public Speaking (.5) Leadership Dev. (.5) Honors World Language III (1)	AP Psychology (1) Peer Facilitating (.5) Personal Relations & Effective Parenting (1) Issues in American Society (.5) Honors or AP World Language IV (1)
<b>Career Specific Electives</b> (may be taken any year offered after prerequisites have been satisfied)	AP Statistics (1), Child Development Laboratory (1), Advanced Child Development Laboratory (1), AP Language & Composition (1), Honors Economics (.5), Health II (.5), American Sign Language (.5), World Geography (1), Internship (.5-1)			
8 credits possible per year				

[Return to Program of Studies](#)

[Return to Pathways](#)

[Return to Index](#)

68 / 148

# HONORS CAREER-RELATED INTERNSHIPS

- On the job work experience completed during the senior year, related directly to the student's CAREER MAJOR or COMPLETER PROGRAM
- Career Coordinator contact is Melinda Ditzen
- Usually, internships are worth 2 credits and take up 2 mods
- Transportation is not provided
- Examples are: APL, NCI, local businesses, local law firms, elementary & middle schools, NSA, and more!



AND THIS THING CALLED CAREER  
ACADEMIES? HOW DOES THAT FIT INTO  
ALL OF THIS?



**ACADEMIC/CAREER FOCUS AREAS**

**Science, Technology, Engineering and Mathematics**

In order to earn an Academy Certificate, the student must complete six credits in one academic/career focus area; a minimum of four credits must be in a single strand.

Option	Agriculture and Veterinary Science Strand	Engineering & other Applied Technologies Strand	Natural Sciences & Mathematics Strand
<b>A</b>	<p><b>Complete Programs</b></p> <p>CASE Agricultural Sciences - Animal                      CASE Agricultural Sciences - Plant                      Wildlife and Natural Resources Management</p>	<p><b>Complete Programs</b></p> <p>Auto Service Technology                      Building Maintenance                      Carpentry                      Collision Repair Technology                      Drafting                      Electrical Construction                      Heating, Ventilation, and Air Conditioning                      Heavy Equipment and Tractor Technology                      Manufacturing &amp; Machine Technology                      Masonry                      Welding Technology</p>	<p><b>Complete Programs</b></p> <p>Engineering Technology                      (Project Lead the Way)                      Biomedical Science                      (Project Lead the Way)</p>
<b>B</b>	<p><b>Career Major</b></p> <p>Environmental Health                      Life Science</p>		<p><b>Career Major</b></p> <p>Mathematics                      Physical Science</p>
<b>C</b>	<p><b>Strand Courses</b></p> <p>Advanced Marketing (1)                      Agricultural Cooperative Internship (5-5)                      Agricultural/Mechanical Technology (1)                      Animal and Plant Biotechnology (1)                      AP Biology (1)                      AP Environmental Studies (1)                      AP Spanish (1)                      Aquatics/Environmental Science (5)                      Business Communication &amp; Keyboarding (1)                      Business Law (1)                      CASE Agriculture, Business, Research, &amp; Development (1)                      CASE Animal &amp; Plant Technology (1)                      Chemistry II (1)                      Environmental Conservation (1)                      H Chemistry II (1)                      H Marketing (1)                      H Science Research I, II, III, IV (1 credit each)                      H Spanish III (1)                      H Spanish IV (1)                      Health II (5)                      Human Anatomy &amp; Physiology (1)                      H CASE Introduction to Agriculture, Food, &amp; Natural Resources (1)                      Issues in American Society (5)                      Physical Rehabilitation: Theory &amp; Clinical Experience (1)                      Principles of Business Administration &amp; Management (1)                      Public Speaking (5)                      Science Research I, II, III, IV (1 credit each)                      Sociology (5)                      Wildlife Management (5)</p>	<p><b>Strand Courses</b></p> <p>Advanced Design Applications (1)                      Auto Service Technology I (3)                      Auto Service Technology II (3)                      Building Maintenance I (1)                      Business Communication &amp; Keyboarding (1)                      Carpentry I (3)                      Carpentry II (3)                      Collision Repair I (3)                      Collision Repair II (3)                      Drafting I (3)                      Drafting II (3)                      Electrical Construction I (3)                      Electrical Construction II (3)                      HVAC: Heating, Ventilation, &amp; Air Conditioning I (3)                      HVAC: Heating, Ventilation, &amp; Air Conditioning II (3)                      Heavy Equipment &amp; Tractor Technology I (3)                      Heavy Equipment &amp; Tractor Technology II (3)                      Leadership Education Training LET - I, II, III, IV, V, VI (1 credit each)                      Manufacturing &amp; Construction Technologies I (1)                      Manufacturing &amp; Machine Technologies I (3)                      Manufacturing &amp; Machine Technologies II (3)                      Masonry I (1)                      Masonry II (3)                      Technological Issues and Impacts (1)                      Technical Support &amp; Networking I (1)                      Technical Support &amp; Networking II (3)                      Technological Design I (1)                      Welding Technology I (3)                      Welding Technology II (3)</p>	<p><b>Strand Courses</b></p> <p>AP Calculus AB (1)                      AP Calculus BC (1)                      AP Chemistry (1)                      AP German (1)                      AP Physics C (1)                      AP Physics I (1)                      AP Probability and Statistics (1)                      Aquatics/Environmental Science (5)                      Biomedical Innovation (1)                      Business Communication &amp; Keyboarding (1)                      Chemistry II (1)                      Computer Integrated Manufacturing (1)                      Digital Electronics (1)                      H Calculus (1)                      H Chemistry II (1)                      H Earth and Space Science (5)                      H Earth Science (5)                      H Engineering Design and Development (1)                      H German II (1)                      H German IV (1)                      Principles of Engineering (1)                      H Science Research I, II, III, IV (1 credit each)                      Human Body Systems (1)                      Introduction to Engineering Design (1)                      Medical Intervention (1)                      Principles of Biomedical Sciences (1)                      Probability and Statistics (1)                      Science Research I, II, III, IV (1 credit each)                      Technological Design (1)                      Terrestrial Environmental Science (5)                      Trigonometry &amp; Pre-Calculus (1)</p>

Honors Class

# DUAL ENROLLMENT- WHAT'S THAT?

- One foot in high school, one foot in college
- Typically in the Senior Year
- Application Process and Academic Requirements
- Transportation is not provided
- 25% tuition discount for up to 4 classes



**WHAT CAN MY STUDENT DO WITH  
LEFTOVER ROOM IN HIS/HER SCHEDULE?**

Explore! It's the last chance for  
free education!

# UNDERSTANDING THE COURSE SELECTION PROCESS

- Program of Studies Approved in Mid October
- Develop Course Selection Sheets (End of October)
- Meet with each student in 9<sup>th</sup>, 10<sup>th</sup>, and 11<sup>th</sup> grade between November and Mid January (Update ECP's)
- Advisory Scheduling Nights (Finalize Course Requests)
- Begin building Master Schedule based on Student Course Requests

# NAVIANCE

- New Program to CCPS
- Career Exploration; Interest Surveys, etc... (Beginning this process in Seminar)
- Lot of Career Info --- Just beginning the **Process**
- College Tools and Videos (Explore!)
- Student, Parent, Teacher, Advisor, and Counselor Access
- Students need to get in the habit of checking their student email accounts for information
- More Info to Come.....



# RESOURCES & UPCOMING DATES

- CHS Website
- Google Classroom
- Career and Tech Website
- Virtual Parent Conference Night: October 8<sup>th</sup> from 4:00-7:00
- Career and Tech Virtual Open House: October 15<sup>th</sup> from 6:00-8:00
- Advisory Scheduling Nights: February 11<sup>th</sup> and 17<sup>th</sup> from 4:00-7:00



QUESTIONS?