

## Articulation Agreements

Frederick County Public Schools have articulation agreements that allow students to earn college credit by meeting the requirements listed below and on the FCPS application for articulated credit. Students must initiate requests for credit within two years of graduation from high school. Most colleges request that the student submit a copy of their transcript and the Articulation Agreement form with the course numbers clearly visible. See your school counselor for more information.

<b>Agriculture Education</b>						
<i>FCPS COURSE TITLE</i>	<i>FCPS COURSE NUMBER</i>	<i>PARTNER COLLEGE</i>	<i>COLLEGE COURSE NUMBER</i>	<i>COLLEGE COURSE NAME</i>	<i>HIGH SCHOOL GRADE REQUIRE D</i>	<i>COLLEGE CREDITS AWARDED</i>
Animal Science/Agriculture	492351 & 492000 & 493000 & one of the following 492160 or 491020 or 492150	CCBC	VETT106	Intro to Veterinary Tech	B B B	2

<b>Business Education</b>						
<i>FCPS COURSE TITLE</i>	<i>FCPS COURSE NUMBER</i>	<i>PARTNER COLLEGE</i>	<i>COLLEGE COURSE NUMBER</i>	<i>COLLEGE COURSE NAME</i>	<i>HIGH SCHOOL GRADE REQUIRE D</i>	<i>COLLEGE CREDITS AWARDED</i>
Principles of Finance and Accounting & Advanced Accounting	332040 & 333041  OR ACCT 101 (Dual Enrolled)	FCC	ACCT 100	Business Accounting	B B B	3
Office Systems Management 1	335111	FCC	CMIS 111R	Business Software Applications	B	3
Office Systems Management 2	335121	FCC	CMIS 111B	Database	B	3
Office Systems Management 3	335131	FCC	BMGT 100	Spreadsheet Applications	B	3

## Child Development

<i>FCPS COURSE TITLE</i>	<i>FCPS COURSE NUMBER</i>	<i>PARTNER COLLEGE</i>	<i>COLLEGE COURSE NUMBER</i>	<i>COLLEGE COURSE NAME</i>	<i>HIGH SCHOOL GRADE REQUIRE D</i>	<i>COLLEGE CREDITS AWARDED</i>
<b>Successful completion of the program:</b> CD I Child Growth and Development  & Pre-School Methods and Materials Or Learning Environment for Preschoolers  & Pre-School Learning Strategies Or Portfolio and Internship	362040  & 363041 OR 360051  & 363061 Or 360012	FCC	ECED 101  &  ECED 125	Child Development & Behavior  Methods and Materials in Early Childhood <b>**Students must complete ECED 105 at FCC before receiving credit for ECED101 and ECED125</b>  <b>**Articulated credit only applies to students interested in the A.A.S. in Early Childhood Development.</b>	  B  B  B	  3  3

## Computer Science

<i>FCPS COURSE TITLE</i>	<i>FCPS COURSE NUMBER</i>	<i>PARTNER COLLEGE</i>	<i>COLLEGE COURSE NUMBER</i>	<i>COLLEGE COURSE NAME</i>	<i>HIGH SCHOOL GRADE REQUIRED</i>	<i>COLLEGE CREDITS AWARDED</i>
Foundations of Computer Science	349910	Hood College	100 level elective	100 level elective	B	3

## Technology Education

FCPS COURSE TITLE	FCPS COURSE NUMBER	PARTNER COLLEGE	COLLEGE COURSE NUMBER	COLLEGE COURSE NAME	HIGH SCHOOL GRADE REQUIRED	COLLEGE CREDITS AWARDED
<b>Successful completion of the program:</b> Pre-Engineering Technology 1 & Pre-Engineering Technology 2 & Pre-Engineering Technology 3	394080 & 390040 & 390050	FCC	ENGR 100	Introductory Engineering Design	B B B	3
<b>Successful completion of the program:</b> PLTW Engineering Aerospace Engineering or Civil Eng & Architecture & Digital Electronics & Engineering Design and Development & Introduction to Engineering Design & Principles of Engineering	491200 Or 497401 & 497301 & 497001 & 497011 & 497000	UMBC & other U.S. Colleges & Universities		For specific details by college, go to this link: <a href="https://www.pltw.org/experience-pltw/student-opportunities">https://www.pltw.org/experience-pltw/student-opportunities</a> Scroll to bottom of page for "Search for Student Opportunities" and contact the school directly	B B B B B	Minimum of 3
<b>Successful completion of the program:</b> PLTW Engineering Aerospace Engineering Or Civil Eng & Architecture & Digital Electronics & Engineering Design and Development & Introduction to Engineering Design & Principles of Engineering	491200 or 497401 & 497301 & 497001 & 497011 & 497000	FCC	ENGR 100	Introductory Engineering Science	B B B B B	3

## CAREER AND TECHNOLOGY CENTER PROGRAMS

<i>FCPS COURSE TITLE</i>	<i>FCPS COURSE NUMBER</i>	<i>PARTNER COLLEGE</i>	<i>COLLEGE COURSE NUMBER</i>	<i>COLLEGE COURSE NAME</i>	<i>HIGH SCHOOL GRADE REQUIRED</i>	<i>COLLEGE CREDITS AWARDED</i>
Academy of Health Professional I	531210 & 531220 or 531273 & 531274 or 398100 (FHS) & 398101 (FHS)	FCC	MEDA 109	Medical Terminology	B	3
Academy of Health Professionals II	531240 & 531250	FCC	MEDA 117 & MEDA 122	Foundations of Medical Assisting I  Foundations of Medical Assisting II	B  B	3  3
Academy of Health Professional	531210 & 531220 or 531273 & 531274 or 398100 & 398101	Stevens on Universi ty	Bio 104	The Human Body and Contemporary Issues	Pass final exam for transcripted credit	4
Automotive Technology	533064 & 533065 & 534064 & 535062	UNOH	AU 126 AU 127	Suspension & Steering  Hydraulic Brake Systems	B	6  6
Automotive Technician	533064 & 533065 & 534064 & 535062	CCBC	AUTO 100 AUTO 131 and 141	5 Credit Hours earned for AUTO 100 for successfully completing the CTE program of study with a B, passing four ASE Student Certification exams, as well as a portfolio review and assessment by the CCBC Automotive faculty. Upon verification, articulation will be conditionally offered upon completion of the SP2 Safety Certification, and a subsequent B in Auto 131 &141 at CCBC. (Global Program).	B	Up to 18
Automotive Technician	533064 & 533065 & 534064 & 535062	Montgo mery College	AT 101  A161	Intro to Automotive Tech  Automotive Electricity	B	3  4

Automotive Technician	533064 & 533065 & 534064 & 535062	Penn College of Technol ogy		<b>Up to 15 Credit Hours earned for successfully completing the CTE program of study with a B and passing the ASE Student Certification exams.</b>		15
Autobody/Collision		Penn College of Technol ogy		10 -16 Credit Semester Hrs for meeting all program requirement and passing the Student ASE end-of-course Exams		21
<b>Successful completion of the program:</b> Integrated Media and Web Technology & Integrated Media and Web Technology	538111 & 538521	FCC	GRPH 114	Web Design I	B	3
CAD Architecture 1	533085 & 533086	FCC	CADT 101	Intro to Auto CAD I	B	3
CAD Architecture 2	534241 (2A) or 533241 (2A) & CADT 150 (Dual Enrolled) & 534251 (2B)	FCC	CADT 102	Intro to Auto CAD II	B	3
CAD Architecture 2	534241 (2A) or 533241 (2A) & CADT 150 (Dual Enrolled) & 534251 (2B)	FCC	CADT 130	Revit (BIM)  <b>**Credit is articulated for students passing certification exam at CTC</b>	B	3
CAD Engineering 1	533072 (1A) & 533073 (1B)	FCC	CADT 101	Intro to Auto CAD 1	B	3
CAD Engineering 2	534261 (1A) & 534271 (1B) or 534271 (1B) & CMIS 105 (Dual Enrolled)	FCC	CADT 102	Intro to Auto CAD 2	B	3

CISCO Networking Academy: Switching Routing and Wireless Essentials  Newtorking Security and Automation	538551 (1A) or CMIS 291 (Dual Enrolled)  & 538552 (1B) or CMIS 292 (Dual Enrolled))	FCC	CMIS 290 &	CISCO I Introduction to Networks	B	3
			CMIS 291 &	CISCO II Switching, Routing, and Wireless Essentials	B	
			CMIS 292 &	CISCO III Enterprise Networking, Security, and Automation	B	
			CMIS 294	Cybersecurity Operations	B	
CISCO Networking Academy: Cybersecurity Essentials and CCNA	538553	FCC	CMIS 281	Security Fundamentals	B	3
CISCO Networking Academy : Linux +	538556	FCC	CMIS 111L	UNIX/Linus Operating System	B	3
CISCO Networking Academy:  Intro to Newtorks and Comp TIA	(1A) 538514 or CMIS 120 (Dual Enrolled) & (1B) 538515 or CMIS 121 (Dual Enrolled) & CMIS 290 (Dual Enrolled)	FCC	CMIS 120	PC Operating Systems	B	3
			CMIS 121	PC Repair and Diagnostics		3
Linux Essentials						
Construction Technology/ Construction Electricity I	533054 (1A) & 533152 (1B)	FCC	BLDT 140	Fundamentals of Structural Wiring	B	4
Construction Technology/ Construction Electricity II	534054 (2A) & 535052 (2B)	FCC	BLDT 241	Residential Electric	B	3
Construction Technology/ Heating, Ventilation, Air Conditioning & Plumbing I	533104 (1A) & 533102 (1B)	FCC	BLD 110	Fundamentals of HVACR	B	4
Construction Technology/ Heating, Ventilation, Air Conditioning & Plumbing II	534104 (2A) & 534105 (2B)	FCC	BLDT 111	Controls for HVAC	B	3
Construction Technology/ Heating, Ventilation, Plumbing and Air Conditioning I & II	533104 533105 534104 534105	UNOH	HV 110	Service & Procedures	B	6
Construction Technology / Welding I	533144 533442	FCC	BLDT 120	Introduction to Welding	B	4

Construction Technology / Welding II	534144 & 535142	FCC	BLDT 222	Advanced Welding: SMAW	B	4
Culinary Arts I & Culinary Arts II	533224 (1A) & 533321 (1B) & 534164 (2A) & 535162 (2B) OR 533300 (2)	FCC	HCTI 101	Sanitation and Food Safety	Passing Score on the ServSafe Certification Examination	1
Culinary Arts I	533224 (1A) & 533321 (1B) & 534164 (2A) & 535162 (2B) OR 533300 (2)	FCC	HCTI 102	Culinary I & Introduction to Hospitality Management	A	3
Culinary Arts II	Either 534164 (2A) & 535162 (2B) OR 533300 (2)	FCC	Either HCTI 103 OR HCTI 104 *	Either Baking 1 or Introduction to Hospitality Management	A	3
Culinary Arts I & Culinary II (Frederick High School)	362070 & 363070 & 354070	FCC	HCTI 102	Culinary 1	B	3
ACF Culinary Advanced Culinary Arts (Culinary I & II)	533224 533321 534164 535162	Stratford	CUL 111 CUL 121 CUL 160 HOS 270	Culinary Theory & Sanitation Kitchen Fundamentals Fundamentals of Baking Hospitality Supervision	B	4.5 4.5 4.5 4.5
Digital Design & Printing Methods	532054 & 532055 & 534214 & 534215	FCC	INTR 103	Internship  Must provide documentation of passing the SkillsUSA Introduction to Graphic Communication Assessment	B	3
Digital Design & Printing Methods	532054 & 532055 & 534214 & 534215	Bridgmont Comm. & Technical College	PRNT-111 PRNT-114 PRNT-115 PRNT-	Intro to Printing Intro to Computers Text and Type In Design I Elect. Image Capture Image Reproduction Sheetfed Presses	PrintEd "Certification of Completion" and pass PrintEd/Skills USA Skill	Up to 16 credit hours

			116 PRNT-126 PRNT-127 PRNT-131 PRNT-134 PRNT-142 PRNT-145	Graphics Creation Intro to Photoshop Safety/Env.. Issues	Connect assessment for Introduction to Graphic Communication Or B	
Environmental Landscape Design	533110	Montgomery College	LNTP 105	Introduction to Landscape Technology	B	2
Environmental Landscape Design and Management II	533111	Montgomery College	LNTP 161	Landscape Graphics	B	3
Homeland Security/Criminal Justice	539115 (1A) & 539115 (1B) & 539134 (2A) & 539121 (2B) or EMGT 111	FCC	CCJS 101 &	Introduction to Criminal Justice	B	3
			EMGT 101	Disaster, Crisis and Emergency Management	B	3
Homeland Security/Criminal Justice	539115 & 539115 & 539134 & 539121	University of Md University College		3 Credits for Intro to Homeland Security OR 3 credits for Concepts of Emergency Management		3
Homeland Security/Criminal Justice	539115 & 539115 & 539134 & 539121	Harford Community College		3 Credits for Intro to Criminal Justice		3
<b>Successful completion of the program:</b> Landscape Design and Management, and passing the CPH cert exam	533111, 533112, 534113, & 533114	UMDCP IAA	INAG 199H	Special Problems in Professional Horticulture	Earn an unweighted cumulative grade point average of 3.0 or higher for all	3

					completed CASE courses as noted on the official high school transcript	
<b>Successful completion of the program:</b> PLTW – Biomedical Sciences  Principles of Bio-Medical Sciences & Human Body Systems  & Medical Interventions & Bio-Medical Innovation	535100 & 531000  & 531200 & 531100 OR 399100 & 391000 & 391200 & 395100	FCC	BIOT 103  & BIOT 140  & BIOT 110	Laboratory Techniques  Biotechnology and Society  Bioprocessing Measurement	B	1  3  4
<b>Successful completion of the program:</b> PLTW – Biomedical Sciences  Principles of Bio-Medical Sciences & Human Body Systems & Medical Interventions & Bio-Medical Innovation	535100 & 531000 & 531200 & 531100 OR 399100 & 391000 & 391200 & 395100	PLTW Affiliate Colleges and Universities		For specific details by college, go to this link: <a href="https://www.pltw.org/experience-pltw/student-opportunities">https://www.pltw.org/experience-pltw/student-opportunities</a>  Scroll to bottom of page for “Search for Student Opportunities” and contact the school directly or follow links		various
<b>Successful completion of the program:</b> PLTW – Biomedical Sciences  Principles of Bio-Medical Sciences & Human Body Systems  & Medical Interventions & Bio-Medical Innovation	535100 & 531000 & 531200 & 531100 OR 399100 & 391000 & 391200 & 395100	Stevenson University				4

Teacher Academy of Maryland	562001 & 363400 & 361160 & 532111	Bowie State	EDUC 316	Foundations of Education	B	3
Teacher Academy: Teaching as a Profession  Human Growth & Development  Foundations of Curriculum & Instruction  Filed Experience	562001 & 363400 or EDPS 210 (Dual Enrolled) & 361160 & 532111	FCC	EDUC 110	Schools and Society	B	3
Teacher Academy of Maryland	562001 & 363400 & 361160 & 532111	Frostbur g State	EDUC 201	EDUC 201: Students, Teachers and Learning Environments  EDUC 202: Foundations of Learning and Instruction	B	6
Teacher Academy of Maryland	562001 & 363400 & 361160 & 532111	Hood	EDUC 204	EDUC 204: Foundations of Education in a Diverse Society	B	3
Teacher Academy of Maryland	562001 & 363400 & 361160 & 532111	Morgan State	EDUC 200	EDUC 200: Foundation of Education and Teaching	B	3
Teacher Academy of Maryland	562001 & 363400 & 361160 & 532111	Notre Dame of Mary land	PSY 203  SPE 124  EDU 252	PSY 203: Child and Adolescent Development  SPE 124: Positive Behavior Supports in the Classroom  EDU 252: Clinical Field Experience	B	3 3 3
Teacher Academy of Maryland	562001 & 363400	St. Mary's	EDUC140	Special Topics in Education Studies	C	4

	& 361160 & 532111					
Teacher Academy of Maryland	562001 & 363400 & 361160 & 532111	Salisbury	EDUC201 or ELED201 plus 2 elective credits	EDUC 201:School in a Diverse Society, or one (1) credit ELED 201: Introduction To Teaching plus two (2) credits of electives for elementary and early childhood education majors	B	3
Teacher Academy of Maryland	562001 & 363400 & 361160 & 532111	Towson U.	EDUC202	Historical Contemporary Perspectives on America's Urban Schools	B	3
Teacher Academy of Maryland	562001 & 363400 & 361160 & 532111	Stevens on U.	PSY206	Child Growth & Development	B	3
Teacher Academy of Maryland	562001 & 363400 & 361160 & 532111	Coppin State	EDUC200	History of Education	B	3
Television and Multimedia Productions	531024 & 531025 & 531044 & 5310151	FCC	FILM 144	Digital Video Productions	B	4
Television and Multimedia I	531024 531025	AIW	CAA106	Introduction to Design Applications	B	4
Television and Multimedia II	531044 531051	AIW	P104 VID101 CAA106	Digital Photographic Production Intro to Video Production Introduction to Design Applications	B	12

