

Articulation Agreements November 2019

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.

Agriculture Education						
FCPS COURSE TITLE	FCPS COURSE NUMBER	PARTNER COLLEGE	COLLEGE COURSE NUMBER	COLLEGE COURSE NAME	HIGH SCHOOL GRADE REQUIRED	COLLEGE CREDITS AWARDED
Animal Science/Agriculture	492351 & 492000 & 493000 & <i>one of the following</i> 492160 or 491020 or 492150	CCBC	VETT106	Intro to Veterinary Tech	B	2
Business Education						
FCPS COURSE TITLE	FCPS COURSE NUMBER	PARTNER COLLEGE	COLLEGE COURSE NUMBER	COLLEGE COURSE NAME	HIGH SCHOOL GRADE REQUIRED	COLLEGE CREDITS AWARDED
Accounting I & Accounting II	332040 & 333041	FCC	ACCT 100	Business Accounting	B	3
Microsoft Certification Training I	335111	FCC	CMIS 111	Microsoft Software Applications	B	3
Microsoft Certification Training II	335121	FCC	CMIS 111B	Database	B	3
Microsoft Certification Training III	335131	FCC	CMIS 111E	Spreadsheets	B	3

Computer Science						
FCPS COURSE TITLE	FCPS COURSE NUMBER	PARTNER COLLEGE	COLLEGE COURSE NUMBER	COLLEGE COURSE NAME	HIGH SCHOOL GRADE REQUIRED	COLLEGE CREDITS AWARDED
Foundations of Computer Science	349910	Hood College	100 level elective	100 level elective	B	3
Family and Consumer Science						
FCPS COURSE TITLE	FCPS COURSE NUMBER	PARTNER COLLEGE	COLLEGE COURSE NUMBER	COLLEGE COURSE NAME	HIGH SCHOOL GRADE REQUIRED	COLLEGE CREDITS AWARDED
Successful completion of the program: CD 1 Child Growth and Development & CD 2 Pre-School Methods and Materials & CD 3 Pre-School Learning Strategies	362040 & 363041 & 363061	FCC	ECED 101 & ECED 125	Child Development & Behavior Methods and Materials in Early Childhood **Students must complete ECED 105 at FCC before receiving credit for ECED101 and ECED125 **Articulated credit only applies to students interested in the A.A.S. in Early Childhood Development.	B	3 3

Technology Education

FCPS COURSE TITLE	FCPS COURSE NUMBER	PARTNE R COLLEGE	COLLEGE COURSE NUMBER	COLLEGE COURSE NAME	HIGH SCHOOL GRADE REQUIRED	COLLEGE CREDITS AWARDED
Successful completion of the program: Pre-Engineering Technology 1 & Pre-Engineering Technology 2 & Pre-Engineering Technology 3	394080 & 390040 & 390050	FCC	ENGR 100	Introductory Engineering Design	B	3
Successful completion of the program: 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: https://www.pltw.org/experience-pltw/student-opportunities Scroll to bottom of page for "Search for Student Opportunities" and contact the school directly		Minimum of 3
Successful completion of the program: 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 Design	B	3

CAREER AND TECHNOLOGY CENTER PROGRAMS

FCPS COURSE TITLE	FCPS COURSE NUMBER	PARTNER COLLEGE	COLLEGE COURSE NUMBER	COLLEGE COURSE NAME	HIGH SCHOOL GRADE REQUIRED	COLLEGE CREDITS AWARDED
Academy of Health Professional I	531210 & 531220 or 531273 & 531274 or 398100 & 398101	FCC	MEDA 109	Medical Terminology	B	3
Academy of Health Professionals II	531240 & 531250	FCC	MEDA 101 & MEDA 102	Foundations of Medical Assisting I Foundations of Medical Assisting II	B	3 3
Academy of Health Professional	531210 & 531220 or 531273 & 531274 or 398100 & 398101	Stevens on University	Bio 104	The Human Body and Contemporary Issues	Pass final exam for transcribed 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	Montgomery College	AT 101 A161	Intro to Automotive Tech Automotive Electricity	B	3 4

Automotive Technician	533064 & 533065 & 534064 & 535062	Penn College of Technol ogy		Up to 15 Credit Hours earned for successfully completing the CTE program of study with a B and passing the ASE Student Certification exams.		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
Successful completion of the program: Web Technology and Interactive Media 1 & Web Technology and Interactive Media 2	538111 & 538521	FCC	CMIS 111J	Web Page Development	B	3
CAD Architecture 1	533085 & 533086	FCC	CADT 101 CADT 102	Auto CAD I (3) Auto CAD II (3)	B B	3 3
CAD Architecture 2	534241 & 534251	FCC	CADT 210 CADT 220 CADT 150 CADT 235	Residential Architecture I (4) Residential Architecture II (4) Architectural Drawing & Design (3) Revit for Architecture	B B B Certification	4 4 3 3
CAD Engineering 1	533072 & 533073	FCC	CADT 101 CADT 102	Auto CAD I (3) Auto CAD II (3)	B B	3 3
CAD Engineering 2	534261 & 534271	FCC	CMIS 105	Introduction to Programming (2)	B	2
CISCO Networking Academy	538551 & 538552	FCC	CMIS 290 & CMIS 291 & CMIS 292 & CMIS 293	Cisco 1 Network Fundamentals Cisco 2 Routing Technologies Cisco 3 Switching Technologies Cisco 4 WAN Technologies	B	3 3 3 3
CISCO Networking Academy: Security+	538553	FCC	CMIS 281	Security Fundamentals	B	3

Computer Technical Analyst	538514 & 538515	FCC	CMIS 120	PC Operating Systems	B	3
			CMIS 121	PC Repair and Diagnostics		3
Construction Technology Carpentry 1, Electricity 1 OR HVACR and Plumbing 1	533341 (1A) & 533342 (1B) or 533054 (1A) & 533152 (1B) or 533104 (1A) and 533105 (1B)	FCC	BLDT 101	Introduction to Building Trades	B	3
Construction Technology/ Construction Electricity I	533054 & 533152	FCC	BLDT 240	Fundamentals of Structural Wiring	B	4
Construction Technology/ Construction Electricity II	534054 & 535052	FCC	BLDT 241	Residential Electric	B	3
Construction Technology Extended Tech	538110 & 538120	FCC	CMTE 140	Architectural Blueprint Reading	B	3
Construction Technology/ Heating, Ventilation, Plumbing and Air Conditioning I	533104 & 533105	FCC	BLD 110	Fundamentals of HVACR	B	4
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	2

Culinary Arts I	533224 (1A) & 533321 (1B) & 534164 (2A) & 535162 (2B) OR 533300 (2)	FCC	HCTI 102	Culinary I	A	3
Culinary Arts II	Either 534164 (2A) & 535162 (2B) OR 533300 (2)	FCC	Either HCTI 103 OR HCTI 104 *	Either Culinary II OR Culinary Baking Program Manager will determine which course will be awarded after advising session	A	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- 116 PRNT- 126 PRNT- 127 PRNT- 131 PRNT- 134 PRNT- 142 PRNT- 145	Intro to Printing Intro to Computers Text and Type In Design I Elect. Image Capture Image Reproduction Sheetfed Presses Graphics Creation Intro to Photoshop Safety/Env.. Issues	PrintEd "Certification of Completion" and pass PrintEd/Skills USA Skill Connect assessment for Introduc- tion to Graphic Communi- cation Or B	Up to 16 credit hours
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 &	FCC	CCJS 101 &	Introduction to Criminal Justice	B	3
	539115 & 539134 & 539121		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
Successful completion of the program: PLTW – Biomedical Sciences	535100 & 531000	FCC				
Principles of Bio-Medical Sciences & Human Body Systems	& 531200 & 531100		BIOT 103 & BIOT 140	Laboratory Techniques & Biotechnology and Society	B	1 & 3
& Medical Interventions & Bio-Medical Innovation	OR 399100 & 391000 & 391200 & 395100		& BIOT 110	& Bioprocessing Measurement		4

Successful completion of the program: 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 College s and Universi ties		For specific details by college, go to this link: https://www.pltw.org/experience-pltw/student-opportunities Scoll to bottom of page for “Search for Student Opportunities” and contact the school directly or follow links		variou s
Successful completion of the program: 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	Steven- son Universi ty				4
Teacher Academy of Maryland	562001 & 363400 & 361160 & 532111	Bowie State	EDUC 316	Foundations of Education	B	3
Teacher Academy of Maryland	562001 & 363400 & 361160 & 532111	FCC	EDUC 110	Schools and Society	B	3

Teacher Academy of Maryland	562001 & 363400 & 361160 & 532111	Frostburg 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 Maryland	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 & 361160 & 532111	St. Mary's	EDUC140	Special Topics in Education Studies	C	4
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 I & II	531024 531025 531044 531051	FCC	FILM 144	Digital Video Production Must be a Digital Media or TV Production major and provide an electronic demo file for evaluation	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