

## Frederick County Public Schools Frederick Community College Articulation Agreements

Frederick County Public Schools (FCPS) and Frederick Community College (FCC) agree to the following articulated college credit from FCC for FCPS graduates who meet all requirements as listed below. FCC will award college credit to students who have graduated FCPS, upon registration in at least one FCC course after graduating from an FCPS high school, and the FCC Registrar's receipt of an official high school transcript. Students must be degree or certificate seeking at FCC and will not be awarded credit if they still have a dual enrollment or open campus designation. The FCPS graduate must initiate the request for credit within two years of his or her graduation from high school.

<b>Business Education</b>						
FCPS Course Title	FCPS Course Number	High School Grade Required	Partner College	College Course Number	College Course Name	College Credits Awarded
Accounting I & Accounting II	332040 & 333041 or ACCT 101 (Dual Enrolled)	B B B	FCC	ACCT 100	Business Accounting	3
Microsoft Certification Training I	335111	B	FCC	CMIS Elective	CMIS Elective	3
Microsoft Certification Training II	335121	B	FCC	CMIS 111B	Microcomputer Software Applications: Database	3
Microsoft Certification Training III	335131	B	FCC	CMIS Elective (100 Level)	Microcomputer Software Applications: Spreadsheet	3
<b>Family and Consumer Science</b>						
FCPS Course Title	FCPS Course Number	High School Grade Required	Partner College	College Course Number	College Course Name	College Credits Awarded
<b>Successful completion of the program:</b>						
Child Development I &	362040 &	B	FCC	ECED 101 &	Child Development & Behavior	3
Child Development II &	363041 &	B		ECED 125	Methods and Materials in Early Childhood <b>**Students must complete ECED 105 at FCC before receiving credit for ECED101 and ECED125</b>	3
Child Development III	363061	B			<b>**Articulated credit only applies to students interested in the A.A.S. in Early Childhood Development.</b>	

Technology Education						
FCPS Course Title	FCPS Course Number	High School Grade Required	Partner College	College Course Number	College Course Name	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	B  B  B	FCC	ENGR 100	Introductory Engineering Science	3
<b>Successful completion of the program:</b>  PLTW-Engineering Aerospace Engineering or Civil Engineering & Architect & Digital Electronics & Engineering Design and Development & Introduction to Engineering Design & Principles of Engineering	491200 or 497401 & 497301 & 497001 & 497011 & 497000	B  B  B  B  B	FCC	ENGR 100	Introductory Engineering Science	3
Career and Technology Center Programs						
FCPS Course Title	FCPS Course Number	High School Grade Required	Partner College	College Course Number	College Course Name	College Credits Awarded
Foundations of Medicine & Health Science & Structure & Function of the Human Body	531210 & 531220	B  B	FCC	MEDA 109	Medical Terminology	3
Foundations of Medicine & Health Science & Structure & Function of the Human Body	531273 & 531274	B  B	FCC	MEDA 109	Medical Terminology	3

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Foundations of Medicine & Health Science <i>(Frederick High School)</i>	398100	B	FCC	MEDA 109	Medical Terminology	3
& Structure & Function of the Human Body <i>(Frederick High School)</i>	398101	B				
Medical Assisting Clinical	531240	B	FCC	MEDA 101	Foundations of Medical Assisting I	3
& Medical Assisting Administrative	531250	B		MEDA 102	Foundations of Medical Assisting II	3
<b>Successful completion of the program:</b> Web Technology and Interactive Media I	538111 (A)	B	FCC	CMIS 111J	Web Page Development	3
& Web Technology and Interactive Media II	538521 (B)	B				
CAD Architectural I	533085 (1A)	B	FCC	CADT 101	Intro to Auto CAD 1	3
& 533086 (1B)		B				
CAD Architectural II	534241 (2A)	B	FCC	CADT 102	Into to Auto CAD 2	3
or 533241 (2A)						
& CADT 150 (Dual Enrolled)						
& 534251 (2B)		B				
CAD Architectural II	534241 (2A)	B	FCC	CADT 130	Introduction to Revit	3
or 533241 (2A)						
& CADT 150 (Dual Enrolled)		B				
& 534251 (2B)		B				
					<b>**Credit is articulated for students passing certification exam at CTC</b>	

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CAD Engineering I	533072 (1A) & 533073 (1B)	B  B	FCC	CADT 101	Intro to Auto CAD 1	3
CAD Engineering II	534261 (1A) & 534271 (1B) or 534271 (1B) & CMIS 105 (Dual Enrolled)	B  B  B	FCC	CADT 102	Intro to Auto CAD 2	3
CISCO Networking Academy	538551 (1A) or  CMIS 291 (Dual Enrolled)	B  B	FCC	CMIS 290 &  CMIS 291  &  CMIS 292	CISCO I Introduction to Networks  CISCO II Switching, Routing, and Wireless Essentials  CISCO III Enterprise Networking, Security, and Automation	3  3  3
	& 538552 (1B) or CMIS 292 (Dual Enrolled)	B  B				
CISCO Networking Academy : Security +	538553	B	FCC	CMIS 281	Security Fundamentals	3
CISCO Networking Academy : Security +	331008	B	FCC	CMIS 111L	Unix/Linus Operating System	3

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Computer Technical Analyst	(1A) 538514	B	FCC	CMIS 120	PC Operating Systems	3
	or CMIS 120 (Dual Enrolled)	B		& CMIS 121	PC Repair and Diagnostics	3
	& (1B) 538515	B				
	or CMIS 121 (Dual Enrolled) & CMIS 290 (Dual Enrolled)	B				
Construction Electricity I	533054 (1A) & 533152 (1B)	B  B	FCC	BLDT 140	Fundamentals of Structural Wiring	4
Construction Electricity II	534054 (2A) & 535052 (2B)	B  B	FCC	BLDT 241	Residential Electric	3
Heating, Ventilation, Air Conditioning, and Plumbing I	533104 (1A) & 533102 (1B)	B  B	FCC	BLDT 110	Fundamentals of HVACR	4
Heating, Ventilation, Air Conditioning, and Plumbing II	534104 (2A) & 534105 (2B)	B  B	FCC	BLDT 111	Controls for HVAC	3
Welding I	534144 & 534442	B  B	FCC	BLDT 120	Introduction to Welding	4
Welding II	534144 & 535142	B  B	FCC	BLDT 222	Advanced Welding: SMAW	4

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Homeland Security/Criminal Justice	539115 (1A)	B	FCC	CCJS 101	Introduction to Criminal Justice	3
	& 539115 (1B)	B		& EMGT 101	Disaster, Crisis, and Emergency Management	3
	& 539134 (2A)	B				
	& 539121 (2B)	B				
	or EMGT 111	B				
Culinary Arts I & Culinary Arts II	533224 (1A) & 533321 (1B) & 534164 (2A) & 535162 (2B) OR 533300 (2)	Passing Score on the ServeSafe Certification Examination	FCC	HCTI101	Sanitation and Food Safety	1
Culinary Arts I & Culinary Arts II	533224 (1A)	B	FCC	HCTI102	Culinary I	3
	& 533321 (1B)	B		& HCTI150	Introduction to Hospitality Management	3
	& 534164 (2A)	B				
	& 535162 (2B)	B				
Culinary Arts I & Baking	533224 (1A) & 533321 (1B) & 533301 (1A) & 533302 (1B)	B B B B	FCC	HCTI104 & HCTI150	Baking I Introduction to Hospitality Management	3 3

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Culinary Arts I ( <i>Frederick High School</i> ) & Culinary Arts II ( <i>Frederick High School</i> )	362070 & 363070	Passing Score on the ServeSafe Certification Examination	FCC	HCTI101	Sanitation and Food Safety	1
Culinary Arts I ( <i>Frederick High School</i> ) & Culinary Arts II ( <i>Frederick High School</i> ) & HCTI 150 (Dual Enrolled)	362070 & 363070 & 364070	B  B  B	FCC	HCTI102	Culinary I	3
Culinary Arts I ( <i>Frederick High School</i> ) & Culinary Arts II ( <i>Frederick High School</i> ) & Hospitality Management ( <i>Frederick High School</i> )	362070 & 363070 & 364070	B  B  B	FCC	HCTI102 & HCTI150	Culinary I  Introduction to Hospitality Management	3  3
Digital Design & Printing Methods	532054 (1A) & 532055 (1B) & 534214 (2A) & 534215 (2B)	B  B  B  B	FCC	INTR 103	Internship  Must provide documentation of passing the SkillsUSA Introduction to Graphic Communication Assessment	3
<b>Successful completion of the program:</b>			FCC			
PLTW – Biomedical Sciences	535100	B		BIOT 103	Laboratory Techniques	1

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Principles of Bio-Medical Sciences & Human Body Systems	& 531000 &	B		& BIOT 140 &	Biotechnology & Society	3
& Medical Interventions & Bio-Medical Innovation	531200 & 531100 OR 399100 & 391000 & 391200 & 395100	B  B  B  B  B  B		BIOT 110	Bioprocessing Measurement	4
Techer Academy: Teaching as a Profession  Human Growth & Development  Foundations of Curriculum & Instruction  Filed Experience	562001 & 363400 or EDPS 210 (Dual Enrolled) & 361160 & 532111	B  B  B  B	FCC	EDUC 110	Schools and Society	3
Television and Multimedia Production	531024 & 531025 & 531044 & 5310151 or FILM 144 (Dual Enrolled)	B  B  B  B	FCC	FILM 144	Digital Video Production	4