DD2 Career and Technology Education Program/Course Sequences

Courses marked with an * (asterisk) in "Course to Complete Program" are required for students to complete the program. Number of courses needed is based on "Units Needed to Complete".

Additional courses in "Course to Complete Program" are considered Associated Electives and are NOT required to complete pathway.

Work-Based Credit Courses will not count as a third unit towards completer status in any of the three-unit completer pathways.

				Agriculture, Food, and Natural	Resources	
School	CIP Code	Major	Units Needed to Complete	Required Concentrator Courses (2)	Course to complete program* (Select 2)	Certifications
		Environmental and Natural		5624 - Agricultural Science and Technology	5621 - Equipment Operation and Maintenance*	OSHA 10
ARHS	030101	Resource Management	4	5626 - Environmental and Natural Resources Management	5690 - Agriculture, Food, and Natural Resources Internship, work-based credit*	
				5624 - Agricultural Science and Technology	5621 - Equipment Operation and Maintenance*	OSHA 10
ARHS	011101	Plant and Animal Systems	4	5647 - Farm Animal Production		
Aitiis	011101	Traine and Ammar Systems	-		5690 - Agriculture, Food, and Natural Resources Internship, work-based credit*	
				5624 - Agricultural Science and Technology	5600 - Agribusiness and Marketing*	OSHA 10
ARHS	010601	Horticulture	4	5650 - Introduction to Horticulture	5261 - Equipment Operation and Maintenance*	
AMIS	010001	Horticulture	7		5690 - Agriculture, Food, and Natural Resources Internship, work-based credit*	
		Environmental and Natural		5652 - Horticulture for the Workplace 1* (2 credits)	5604 & 5605 - Agricultural Mechanics and Technology for the Workplace 1 and 2 (2 Credits)	OSHA 10
DCCTC	030101	Resources	4	5653 - Horticulture for the Workplace 2* (2 credits)	5621 - Equipment Operation and Maintenance (2 Credits)	
		Resources			5690 - Agriculture, Food, and Natural Resources Internship,	
					work-based credit	
			Units Needed to	Architecture and Constru	ction	
School	CIP Code	Major	Complete	Required Concentrator Courses (2)	Course to complete program (1 or 2 depending on Program)	Certifications
DCCTC	460000	Building Construction	4	6060 - Building and Construction Cluster 1* (2 credits)	6690 - Architecture and Construction Internship, work-based credit	OSHA 10
				6061 - Building and Construction Cluster 2* (2 credits)		NCCER
				6287 - Electricity 1* (2 credits)	6289 - Electricity 3 (2 credits)	OSHA 10
DCCTC	460301	Electricity	4	6288 - Electricity 2* (2 credits)	6290 - Electricity 4 (2 credits)	NCCER
200.0	.00001		·		6690 - Architecture and Construction Internship, work-based credit	CPR
				Arts, Audio-Video Technology, and (Communication	
School	CIP Code	Major	Units Needed to Complete	Required Concentrator Courses (2)	Course to complete program* (1 or 2 depending on Program)	Certifications
				6124 - Media Technology 1	6126 - Media Technology 3*	
SHS	100299	Media Technology	4	6125 - Media Technology 2	6127 - Media Technology 4*	N/A
3113	100233		1		5290 - Arts, Audio-Video Technology and Communications, work- based learning	iya
				6170 - Architectural Design 1* (2 credits)	5290 - Arts, Audio-Video Technology and Communications, work	
		Architecture Design	4	101/0 / I GITTECTUTUL DESIGN 1 (2 CI CUITS)	3230ts, riddio video recimology and communications, work	
		Architecture Design	4	6171 - Architectural Design 2* (2 credits)	hased learning	
DCCTC	151301			6171 - Architectural Design 2* (2 credits)	based learning 5290 - Arts, Audio-Video Technology and Communications, work-	OSHA 10, ACU
ОССТС	151301	Architecture Design Mechanical Design	4	6171 - Architectural Design 2* (2 credits) 6172 - Mechanical Design 1* (2 credits) 6173 - Mechanical Design 2* (2 credits)	based learning 5290 - Arts, Audio-Video Technology and Communications, work- based learning	OSHA 10, ACU

				Business Management and Admi	inistration			
School	CIP Code	Major	Units Needed to Complete	Required Concentrator Courses (2)	Course to complete program (Select at least 1)	Certifications		
				5340 - Image Editing	5001 - Accounting 1*	Microsoft Office 2016		
				5176 - Digital Publication Design	5400 - Entrepreneurship*	Ever Fi - Digital Literacy and Wellness		
		Business Information			5023 - Fundamentals of Computing*	Ever Fi - Digital Literacy		
FDHS	521206	Management	3		5031 - Fundamentals of Web Page Design*	Entreprenuership and Small Business		
					5033 - Advanced Web Page Design*			
					5490 - Business Management and Adminstration Internship, work-based credit			
				5001 - Accounting 1	5005 - Accounting 2 (ARHS Only)*	Microsoft Office 2016		
				5400 - Entrepreneurship	5273 - Business Finance (ARHS and SHS)*	Ever Fi - Digital Literacy and Wellness		
ARHS,		1 General Management			5020 - Integrated Business Applications 1 (ARHS only)*	Ever Fi - Digital Literacy		
FDHS, SHS	520201		3		5031 - Fundamentals of Web Page Design	Entreprenuership and Small Business		
					5421 - Marketing (ARHS and FDHS)*			
					5490 - Business Management and Adminstration Internship,			
					work-based credit			
				Education and Training				
School	CIP Code	Major	Units Needed to Complete	Required Concentrator Courses (2)	Course to complete program (1 or 2 depending on Program)	Certifications		
		There are no Educat	on and Training p	athways being offered in DD2 or the Dorchester County Career	and Technology Center at this time	N/A		
				Finance				
School	CIP Code	Major	Units Needed to Complete	Required Concentrator Courses (2)	Course to complete program (1 or 2 depending on Program)	Certifications		
				5001 - Accounting 1	5273 - Business Finance*	Microsoft Office 2016		
ARHS	520301	Accounting	3	5005 - Accounting 2	5400 - Entrepreneurship*	Ever Fi - Digital Literacy and Wellness		
АМПЭ	520301	1 Accounting	3		6190 - Finance Internship, work-based credit	Ever Fi - Digital Literacy		
ARHS,				5001 - Accounting 1	5005 - Accounting 2 (ARHS Only)*	Microsoft Office 2016		
	520804			5273 - Business Finance	5400 - Entrepreneurship*	Ever Fi - Digital Literacy and Wellness		
SHS	320804	Business Finance	3		5020 - Integrated Business Applications 1 (ARHS only)*	Ever Fi - Digital Literacy		
					5421 - Marketing (ARHS Only)*	Entreprenuership ad Small Business		
			1		6190 - Finance Internship, work-based credit			

				Covernment and Dublic Ad	enim e troction	
School	CIP Code	Major	Units Needed to	Government and Public Adı Course to	o complete program	Certifications
ARHS, FDHS, SHS	280503	National Security	Complete N/A	3751 - Junior ROTC 1 3752 - Junior ROTC 2 3753 - Junior ROTC 3 3754 - Junior ROTC 4	3755 - Junior ROTC 5 3756 - Junior ROTC 6 3757 - Junior ROTC 7 3758 - Junior ROTC 8	OSHA, Microburst
		Government	and Public Admi	nistration - National Security Pathway - Will be offered dur	ing the 2023 - 2024 School Year	
				Health Science		
School	CIP Code	Major	Units Needed to Complete		Course to complete program (1 or 2 depending on Program)	Certifications
				5580 - PLTW - Principles of Biomedical Sciences	5582 - PLTW - Medical Interventions*	First Aid/Heart Saver CPR
				5581 - PLTW - Human Body Systems	5583 - PLTW - Biomedical Innovation	Basic Life Support CPR
ARHS,					5540 - Medical Terminology*	OSHA 10
FDHS,	260102	PLTW - Biomedical Sciences	3		5555 - Sports Medicine 1	
SHS					5556 - Sports Medicine 2	
					5590 - Health Science Internship, work-based credit	
					5591 - Sports Medicine Internship, work-based credit	
				5555 - Sports Medicine 1	5557 - Sports Medicine 3*	First Aid/Heart Saver CPR
4.00.00				5556 - Sports Medicine 2	5540 - Medical Terminoloy*	Basic Life Support CPR
ARHS,	310505	Sports Medicine	3	·	5581 - PLTW - Human Body Systems	OSHA 10
FDHS,					5580 - PLTW - Principles of Biomedical Sciences	
SHS					5590 - Health Science Internship, work-based credit	
					5591 - Sports Medicine Internship, work-based credit	
				5550 - Health Science 1* (2 credits)	5590 - Health Science Internship, work-based credit	CNA, PCT
				5551 - Health Science 2* (2 credits)	5550 Treatar Science internship, Work Sused create	OSHA 10
				2552 Treatmenter (2 dreats)		Certified Billing and Coding
DCCTC	510000	Health Science	3			First Aid/Heart Saver CPR
						Stop the Bleed
						Pharmacy Tech
						Thatmacy reen
				Hospitality and Tou	rism	
School	CIP Code	Major	Units Needed to Complete	Required Concentrator Courses (2)	Course to complete program (1 or 2 depending on Program)	Certifications
				5720 - Culinary Arts Management 1	5722 - Introduction to Culinary Arts Management*	
ARHS, FDHS, SHS		Culinary Arts Management		and	5001 - Accounting 1*	
	520905		3	5721 - Culinary Arts Management 2	5400 - Entrepreneurship*	ServSafe Food Handler, ServSafe
				or	5031 - Fundamentals of Web Page Design	Manager
					5020 - Integrated Business Applications 1 (ARHS only)	
				5723 - Baking and Pastry (2 Credits)	5190 - Hospitality and Tourism Internship, work-based credit	
				5720 - Culinary Arts 1* (2 credits)		OSHA 10
DCCTC	520905	Culinary Arts Management	nent 3	5721 - Culinary Arts 2* (2 credits)	5190 - Hospitality and Tourism Internship, work-based credit	ServSafe Food Handler
				or		Prostart
				5723 - Baking and Pastry * (2 credits)		FIUSIAII

DCCTC 120401 Cosmetology 8 Units and 1540 hours 6151 - Cosmetology 2* (2 credits) 6153 - Cosmetology 4* (2 credits) 05HA 1D DCCTC 120410 Nail Technology 3 Units and 360 Hours 6154 - Nail Technology 1* (2 credits) 5790 - Human Services, work-based credit 514 Nail Technology 1* (2 credits) 5790 - Human Services, work-based credit 514 Nail Technology 1* (2 credits) 5790 - Human Services, work-based credit 514 Nail Technology 1* (2 credits) 5790 - Human Services, work-based credit 514 Nail Technology 1* (2 credits) 5790 - Human Services, work-based credit 514 Nail Technology 1* (2 credits) 5790 - Human Services, work-based credit 514 Nail Technology 1* (2 credits) 5790 - Human Services, work-based credit 514 Nail Technology 1* (2 credits) 5790 - Human Services, work-based credit 514 Nail Technology 1* (2 credits) 5790 - Human Services, work-based credit 514 Nail Technology 1* (2 credits) 5790 - Human Services, work-based credit 514 Nail Technology 1* (2 credits) 5790 - Human Services, work-based credit 514 Nail Technology 1* (2 credits) 5790 - Human Services, work-based credit 514 Nail Technology 1* (2 credits) 5790 - Human Services, work-based credit 514 Nail Technology 1* (2 credits) 5790 - Human Services (2 complete Programming 1* Cartifications 1* (2 credits) 5790 - Human Services (2 credits) 5790 - Human Services (2 complete Programming 1* (2 credits) 5790 - Human Services (2							
Complete Required Concentrator Courses (2) Course to complete program (1 or 2 depending on Program) Certifications					Human Services		
DCCTC 120401 Cosmetology 8 Burits and 1540 hours 1540 h	School	CIP Code	Major		Required Concentrator Courses (2)	Course to complete program (1 or 2 depending on Program)	Certifications
DCCTC 120401 Cosmetology 1540 hours 6151 - Cosmetology 2* (2 credits) 6153 - Cosmetology 4* (2 credits) 7570 - Human Services, work-based credit 5514 Nail Technology 15 (2 credits) 7570 - Human Services, work-based credit 5514 Nail Technology 15 (2 credits) 7570 - Human Services, work-based credit 5514 Nail Technology 15 (2 credits) 7570 - Human Services, work-based credit 5514 Nail Technology 15 (2 credits) 7570 - Human Services, work-based credit 5514 Nail Technology 15 (2 credits) 7570 - Human Services, work-based credit 7570 - Human Service, 1570 - Human Service, 1570 - Human Service, 1570 - Human Services, work-based credit 7570 - Human Service, 1570 - Human Serv				9 Units and	6150 - Cosmetology* (2 credits)	6152 - Cosmetology 3* (2 credits)	State Comsetology License
DCCTC 120410 Nail Technology 3 Units and 360 6154 - Nail Technology 1* (2 credits) 5790 - Human Services, work-based credit State Nail Technology 1 (5155 - Nail Technology 2* (2 credits) OSHA 10 School CIP Code Major Units Needed to Complete Solid	DCCTC	120401	Cosmetology		6151 - Cosmetology 2* (2 credits)	6153 - Cosmetology 4* (2 credits)	OSHA 10
School CIP Code Major Units Needed to Complete Sequivalent to GFS3 - National Technology 2* (2 credits) OSHA 10						5790 - Human Services, work-based credit	
School CIP Code Major Units Needed to Complete South Fechnology 2* (2 credits) Course to complete program (1 or 2 depending on Program) Certifications	DCCTC	120410	Nail Technology			5790 - Human Services, work-based credit	State Nail Technician License
School CIP Code Major Units Needed to Complete Required Concentrator Courses (2) Course to complete program (1 or 2 depending on Program) Certifications So31 - Fundamentals of Web Page Design S422 - Digital Media Marketing* (FDHS Only) Entreprenuership and St. Business So33 - Advanced Web Design and Development So23 - Fundamentals of Computing* Ever Fi Digital Literacy and V. Si340 - Image Editing* (FDHS Only) Si376 - Digital Publication Design 477LTAW - AP Computer Science A (FDHS) 477SCTAW - AP Computer Science A (110410	6155 - Nail Technology 2* (2 credits)		OSHA 10
Certifications Solar - Fundamentals of Web Page Design Solar - Fundamentals of Web Page Design Solar - Fundamentals of Computing* Ever Fi Digital Literacy and V. Solar - Introduction Design and Severage Design Solar - Fundamentals of Computing* Ever Fi Digital Literacy and V. Solar - Findamentals of Computing* Ever Fi Digital Literacy and V. Solar - Findamentals of Computing* Ever Fi Digital Literacy and V. A77/ICTAW - AP Computer Science A (FDHS) A77/ICTAW - AP Computer Science Principals (ARHS, FDHS) Solar - Findamentals of Computing (FDHS Only) A77/ICTAW - AP Computer Science Principals (ARHS, FDHS) Solar - Findamentals of Computing (FDHS Only) A77/ICTAW - AP Computer Science Principals (ARHS, FDHS) Solar - Findamentals of Computer Science Principals (ARHS, FDHS) Solar - Findamentals of Computer Operating Systems (Followed in the Solar - Followed in the Solar -					Information Technology	1	
ARHS, FDHS 110801 Web and Digital Communications 3 Communications 4 Cis 150 - Introduction to Networking (Equivalent to 6759 - Network Protocols and Services (Equivalent to 6760 - Networking 2) ECPI (ARHS, FDHS, SHS) 110901 Networking Systems 4 Networking Systems 5023 - Fundamentals of Computer Configuration of Computer Science A (FDHS) 4775CTAW - AP Computer Science A (FDHS) 5340 - Image Editing* (FDHS Only) 5376 - Digital Mication Design 4775CTAW - AP Computer Science A (FDHS) 5300 - Infroduction to Operating Systems (Equivalent to 6768 - Computer Science A (FDHS) 6726 - Computer Computer Science A (FDHS) 6726 - Computer Science A (FDHS) 6726 - Computer Science A (FDHS) 6726 - Computer Science A (FDHS)	School	CIP Code	Major		Required Concentrator Courses (2)	Course to complete program (1 or 2 depending on Program)	Certifications
ARHS, FDHS 110801 Web and Digital Communications 3 S340 - Image Editing* (FDHS Only) 5176 - Digital Publication Design 4771CTAW - AP Computer Science A (FDHS) 4775CTAW - AP Computer Science Principals (ARHS, FDHS) 5400 - Entrepreneurship 5390 - Information Technology Internship, work-based credit CIS 150 - Introduction to Networking (Equivalent to 6759 - Networking 1) CIS 25 - Network Protocols and Services (Equivalent to 6760 - Networking 2) CIS 225 - Network Protocols and Services (Equivalent to 6760 - Networking 2) CIS 225 - Network Protocols and Services (Equivalent to 6760 - Omputer Programming 1) CIS 205 - UNIX Administration (Equivalent to 5323 - Advanced Computer Operating Systems) CIS 212 - Network Secruity Concepts (Equivalent to 6762 - Operating Systems) CIS 212 - Network Secruity Concepts (Equivalent to 6762 - Operating Systems) CIS 212 - Network Secruity Concepts (Equivalent to 6762 - Operating Systems) CIS 212 - Network Secruity Concepts (Equivalent to 6763 - Operating Systems) CIS 212 - Network Secruity Concepts (Equivalent to 6763 - Operating Systems) CIS 212 - Network Secruity Concepts (Equivalent to 6762 - Operating Systems) CIS 212 - Network Secruity Concepts (Equivalent to 6763 - Operating Systems) CIS 212 - Network Secruity Concepts (Equivalent to 6763 - Operating Systems) CIS 212 - Network Secruity Concepts (Equivalent to 6763 - Operating Systems) CIS 212 - Network Secruity Concepts (Equivalent to 6763 - Operating Systems) CIS 212 - Network Secruity Concepts (Equivalent to 6763 - Operating Systems) CIS 212 - Network Secruity Concepts (Equivalent to 6763 - Operating Systems) CIS 212 - Network Secruity Concepts (Equivalent to 6763 - Operating Systems) CIS 212 - Network Secruity Concepts (Equivalent to 6763 - Operating Systems) CIS 212 - Network Secruity Concepts (Equivalent to 6763 - Operating Systems) CIS 212 - Network Secruity Concepts (Equivalent to 6763 - Operating Systems) CIS 212 - Network Secruity Concepts (Equivalent to 6764 - Operating Systems) CIS 22					5031 - Fundamentals of Web Page Design	5422 - Digital Media Marketing* (FDHS Only)	Entreprenuership and Small Business
ARHS, FDHS 110801 Web and Digital Communications 3			•		5033 - Advanced Web Design and Development	5023 - Fundamentals of Computing*	Ever Fi Digital Literacy and Wellness
FDHS 110801 Communications 3 4771CTAW - AP Computer Science A (FDHS) 4775CTAW - AP Computer Science Principals (ARHS, FDHS) 5400 - Entrepreneurship 5390 - Information Technology Internship, work-based credit CIS 150 - Introduction to Networking (Equivalent to 6759 - Network Protocols and Services (Equivalent to 6762 - Computer Operating Systems (Equivalent to 6768 - Computer Operating Systems)* CIS 225 - Network Protocols and Services (Equivalent to 6760 - Computer Programming (Equivalent to 6768 - Computer Operating Systems) CIS 225 - Network Protocols and Services (Equivalent to 6760 - Computer Programming (Equivalent to 5323 - Advanced Computer Operating Systems) CIS 212 - Network Secruity Concepts (Equivalent to 6762 - Operating Systems) CIS 212 - Network Secruity Concepts (Equivalent to 6762 - Operating Systems) Introduction to Cloud Sole (Equivalent to 6752 - Operating Systems) EET 250 - Computer Configuration 1 (Equivalent to 6752 - Operating Systems) EET 251 - Computer Configuration II (Equivalent to 6753 - Advanced Computer Repair and Service)				3			
FDHS Communications 4771CTAW - AP Computer Science A (FDHS) 4775CTAW - AP Computer Science Principals (ARHS, FDHS) 5400 - Entrepreneurship 5390 - Information Technology Internship, work-based credit CIS 150 - Introduction to Networking (Equivalent to 6759 - Networking 1) CIS 250 - Network Protocols and Services (Equivalent to 6760 - Networking 2) CIS 225 - Network Protocols and Services (Equivalent to 6760 - Output Programming (Equivalent to 6768 - Computer Operating Systems) CIS 225 - Network Protocols and Services (Equivalent to 6760 - Output Programming 1) CIS 205 - UNIX Administration (Equivalent to 5323 - Advanced Computer Operating Systems) CIS 212 - Network Secruity Concepts (Equivalent to 6762 - Operating Systems) CIS 212 - Network Secruity Concepts (Equivalent to 6762 - Operating Systems) EECPI (ARHS, SHS) Networking Systems 4 Principles of Cybersecu Cyber Security Fundamentals)* EET 250 - Computer Configuration 1 (Equivalent to -6752 Computer Repair and Service) EET 251 - Computer Configuration II (Equivalent to 6753 - Advanced Computer Repair and Service)		110801					
CIS 150 - Introduction to Networking (Equivalent to 6759 - Network Protocols and Services (Equivalent to 6760 - Computer Operating Systems) * CIS 225 - Network Protocols and Services (Equivalent to 6760 - Computer Operating Systems) * CIS 225 - Network Protocols and Services (Equivalent to 6760 - Computer Operating Systems) * CIS 225 - Network Protocols and Services (Equivalent to 6760 - Computer Operating Systems) * CIS 225 - Network Protocols and Services (Equivalent to 6760 - Computer Operating Systems) * CIS 226 - UNIX Administration (Equivalent to 5323 - Advanced Computer Operating Systems) * CIS 212 - Network Secruity Concepts (Equivalent to 6762 - Cyber Security Fundamentals) * EET 250 - Computer Configuration 1 (Equivalent to 6762 - Computer Repair and Service) EET 251 - Computer Configuration 1 (Equivalent to 6753 - Advanced Computer Repair and Service)	FDHS					4771CTAW - AP Computer Science A (FDHS)	
CIS 150 - Introduction to Networking (Equivalent to 6759 - Network Protocols and Services (Equivalent to 6762 - Computer Operating Systems) * CIS 225 - Network Protocols and Services (Equivalent to 6760 - Networking 2) CIS 225 - Network Protocols and Services (Equivalent to 6760 - Networking 2) CIS 226 - Introduction to Programming (Equivalent to 6768 - Computer Programming 1) CIS 206 - UNIX Administration (Equivalent to 6768 - Computer Operating Systems) CIS 212 - Network Secruity Concepts (Equivalent to 6762 - Cyber Security Fundamentals) * ECPI (ARHS, FDHS, SHS) Networking Systems 4 Networking Systems 4 Principles of Cybersecu Computer Operating Systems (Equivalent to 6762 - Cyber Security Fundamentals) * EET 250 - Computer Configuration 1 (Equivalent to -6752 - Computer Repair and Service) EET 251 - Computer Configuration II (Equivalent to 6753 - Advanced Computer Repair and Service)							
CIS 150 - Introduction to Networking (Equivalent to 6759 - Networking 1) CIS 225 - Network Protocols and Services (Equivalent to 6760 - Computer Operating Systems)* CIS 225 - Network Protocols and Services (Equivalent to 6760 - Computer Programming 1) CIS 225 - Network Protocols and Services (Equivalent to 6760 - Computer Programming 1) CIS 225 - Network Protocols and Services (Equivalent to 6760 - Computer Programming 1) CIS 226 - Introduction to Programming 1) CIS 226 - Introduction to Programming 1) CIS 227 - Network Security Concepts (Equivalent to 5323 - Advanced Computer Operating Systems) CIS 212 - Network Security Concepts (Equivalent to 6762 - Cyber Security Fundamentals) * EET 250 - Computer Configuration 1 (Equivalent to -6752 Computer Repair and Service) EET 251 - Computer Configuration II (Equivalent to 6753 - Advanced Computer Repair and Service)						5400 - Entrepreneurship	
Retworking 1) One of the protocols and Services (Equivalent to 6760 - Network Protocols and Services (Equivalent to 6760 - Networking 2) ECPI (ARHS, FDHS, SHS) Networking Systems Networking 1) One of the protocols and Services (Equivalent to 6760 - Network Protocols and Services (Equivalent to 6762 - Network Protocols and Services (Equivalent to 6768 - Network Protocols and Services and Service (Introduction to Cloud Solution (Equivalent to 6768 - Network Protocols and Services) On the protocols and Service (Introduction to Programming (Equivalent to 6768 - Computer Configuration (Equivalent to 6762 - Computer Configuration I (Equivalent to 6762 - Computer Repair and Service) On the protocols and Service (Introduction to Programming (Equivalent to 6762 - Computer Configuration I (Equivalent to 6762 - Computer Repair and Service) On the protocols and Service (Introduction to Programming (Equivalent to 6768 - Computer Repair and Service) On the protocols and Service (Introduction to Programming (Equivalent to 6768 - Computer Repair and Service) On the protocols and Service (Introduction to Programming (Introduction to Programming (Introduction to From Programming (Introduction to From Programming I) One of the protocols and Service (Introduction to From Programming I) One of the programming I (Introduction to 6762 - Computer Programming I) One of the programming I (Introduction to 6762 - Computer Programming I) One of the progr	(ARHS, FDHS,					5390 - Information Technology Internship, work-based credit	
Computer Programming 1) Computer Configuration Computer Operating Systems Principles of Cybersecu Computer Operating Systems CIS 212 - Network Secruity Concepts (Equivalent to 6762 - Cyber Security Fundamentals) * EET 250 - Computer Configuration 1 (Equivalent to -6752 Computer Repair and Service) EET 251 - Computer Configuration II (Equivalent to 6753 - Advanced Computer Repair and Service) EET 251 - Computer Repair and Service) EET 2		110001	01 Networking Systems				Network Protocols and Services
CIS 206 - UNIX Administration (Equivalent to 5323 - Advanced Computer Operating Systems) CIS 212 - Network Secruity Concepts (Equivalent to 6762 - Cyber Security Fundamentals) * (ARHS, FDHS, SHS) Networking Systems 4 Networking Systems 4 Networking Systems 4 Networking Systems 4 Advanced Computer Repair and Service) EET 251 - Computer Configuration II (Equivalent to 6753 - Advanced Computer Repair and Service)							Computer Configuration II
Cyber Security Fundamentals)* [ARHS, FDHS, SHS] Networking Systems A Networking Systems A EET 250 - Computer Configuration 1 (Equivalent to - 6752 Computer Repair and Service) EET 251 - Computer Configuration II (Equivalent to 6753 - Advanced Computer Repair and Service)						CIS 206 - UNIX Administration (Equivalent to 5323 - Advanced	Principles of Cybersecurity
FDHS, SHS) Networking Systems 4 Computer Repair and Service) EET 251 - Computer Configuration II (Equivalent to 6753 - Advanced Computer Repair and Service)							Introduction to Cloud Solutions
SHS) EET 251 - Computer Repair and Service) EET 251 - Computer Configuration II (Equivalent to 6753 - Advanced Computer Repair and Service)				Notworking Systems	4		EET 250 - Computer Configuration 1 (Equivalent to - 6752
Advanced Computer Repair and Service)		110501		7		, , ,	
CIS 123 - Introduction to Scripting (Equivalent to 83F0 -							
Computer Programming with Python) 4771CTAW AP Computer Science A (EDHS)*							
4771CTAW - AP Computer Science A (FDHS)* 4775CTAW - AP Computer Science Principals (ARHS, FDHS)*							
5023 - Fundamentals of Computing*						5023 - Fundamentals of Computing*	
5400 - Entrepreneurship*							
5031 - Fundamentals of Web Page Design*							

				Law, Public Safety, Corrections, an	nd Security	
School	CIP Code	Major	Units Needed to Complete	Required Concentrator Courses (2)	Course to complete program (1 or 2 depending on Program)	Certifications
DCCTC	430203	Emergency and Fire	3	6514 - Fire Fighter 1* (2 credits)	6590 - Law, Public Safety, Corrections, and Security work-based learning	OSHA 10
		Management Services		6515 - Fire Fighter 2* (2 credits)		
DCCTC	430107	Law Enforcement Services	3	6510 - Law Enforcement Services 1* (2 credits)	6590 - Law, Public Safety, Corrections, and Security work-based learning	OSHA 10
				6511 - Law Enforcement 2* (credits)		
				Manufacturing		
School	CIP Code	Major	Units Needed to		Course to complete program (1 or 2 depending on Program)	Certifications
	G.: GG		Complete		1 1 3 1 1 3 7	
		Machatronias Intogratod		6210 - Electrical Components/Industrial Safety	6212 - Elecro Pneumatics and Hydraulics	OSHA 10
SHS	150404	Mechatronics Integrated Technologies	4	6211 - Mechanical Components Electric Drives/ Hand & Power Tool Op.	6213 - Digital Fudamentals and Programmable Controllers	HAAS CNC Mill Operator
					6490 - Manufacturing Internship, work-based credit	HAAS CNC Lathe Operator
DCCTC	480503	Machine Technology	4	6230 - Machine Tool Technology 1* (2 credits)	6490 - Manufacturing Internship, work-based credit	NIMS (Nation Institute for Metal Working Skills)
				6231 - Machine Tool Technology 2* (2 credits)		OSHA 10
DCCTC	480508	Welding Technology	4	6340 - Welding Technology 1* (2 credits)	6342 - Welding Technology 3 (2 credits)	AWS (American Welding Society)
DCCTC				6341 - Welding Technology 2* (2 credits)	6343 - Welding Technology 4 (2 credits)	OSHA 10
					6490 - Manufacturing Internship, work-based credit	NCCER
				Marketing		
			Units Needed to		1	
School	CIP Code	Major	Complete	Required Concentrator Courses (2)	Course to complete program (1 or 2 depending on Program)	Certifications
			<u> </u>	5421 - Marketing	5400 - Entrepreneurship*	Adobe Photoshop Cert.
				5422 - Digital Media Marketing	5031 - Fundamentals of Web Page Design*	Entreprenuership and Small Business
FDHS	90903	Marketing Communications	3		5176 - Digital Publication Design*	
					5001 - Accounting 1*	
					5033 - Advanced Web Page Design and Development	
					5091 - Marketing Internship, work-based learning	
				5421 - Marketing	5001 - Accounting 1*	Entreprenuership and Small Business
ARHS.				5426 - Sports and Entertainment Management	5005 - Accounting 2	Microsoft Office 2016
FDHS	521401	Marketing Management	3		5273 - Business Finance*	
כווטו					5400 - Entrepreneurship*	
					5020 - Integrated Business Applications 1	
					5091 - Marketing Internship, work-based learning	

	Science, Technology, Engineering, and Mathmatics								
School	CIP Code	Major	Units Needed to Complete	Required Concentrator Courses (2)	Course to complete program (1 or 2 depending on Program)	Certifications			
				6050 - PLTW - Principles of Engineering	6056 - PLTW - Aerospace Engineering	N/A			
	140101	Pre-Engineering PLTW	4	6051 - PLTW - Introduction to Engineering Design (AR only)	6058 - PLTW - Civil Engineering and Architecture				
ARHS, FDHS, SHS				or	6052 - PLTW - Digital Electronics				
				6051 - PLTW - Introduction to Engineering Design (AR only)	6890 - Science, Technology, Engineering, and Mathematics Internship, work-based learning				
				6144 - PLTW - Engineering Essentials					
				or					
				6144 - PLTW - Engineering Essentials					
				6050 - PLTW - Principles of Engineering					

	Transportation, Distribution, and Logistics						
School	CIP Code	Major	Units Needed to Complete	Required Concentrator Courses (2)	Course to complete program (1 or 2 depending on Program)	Certifications	
		Automotive Callisian Beneixt		6020 - Automotive Collision Repair 1* (2 credits)	6022 - Automotive Collision Repair 3 (2 credits)	ASE	
DCCTC	470603	Automotive Collision Repairt	4	6021 - Automotive Collision Repair 2* (2 credits)	6023 - Automotive Collision Repart 4 (2 credits)	OSHA 10	
		Technology			6790 - Transportation, Distributution, and Logistics work-based learning	TIA	
				6030 - Automotive Technology 1* (2 credits)	6032 - Automotive Technology 3 (2 credits)	ASE	
DCCTC	470604	Automotive Technology	4	6031 - Automotive Technology 2* (2 credits)	6033 - Automotive Technology 4 (2 credits)	OSHA 10	
DCCTC					6790 - Transportation, Distributution, and Logistics work-based learning	TIA	
DCCTC	470605	Diesel Engine Technology	4	6310 - Diesel Engine Technology 1* (2 credits)	6790 - Transportation, Distributution, and Logistics work-based learning	ASE	
DCCTC	470003	Diesei Liigiile Technology	4	6311 - Diesel Engine Technology 2* (2 credits)		OSHA 10	
						TIA	
		Global Logistics		68PO - Logistics and Distribution	68P3 - Work-based Learning		
DCCTC	520203		4	68P1 - Warehouse Distribution		N/A	
					68P2 - Warehouse Inventory		

				Education and Training (Potential Pathwa	y Under Review)	
School	CIP Code	Major	Units Needed to Complete	Required Concentrator Courses (2)	Course to complete program (1 or 2 depending on Program)	Certifications
ARHS, FDHS, SHS	130101	Introduction to Teaching		5703 - Introduction to Teaching 1 (Equivalent to EDU 201 - Dual Enrollment Classroom Inquiries with Technology)	Currently Have - 3735 - Teacher Cadet 1 AP (CERRA)- Experiencing Education (Needs to be 5705 - Dual Enrollment Teacher Cadet - Experiencing Education (CTE Completers Only))	Praxis Core
				5704 - Introduction to Teaching 2 (Equivalent to EDU 241 - Dual Enrollment Learners and Diversity)	Currently Have - 8817 - DE Educational Psychology (Teacher Cadet 2) - EDUC 202 (Needs to be 6391 - Dual Enrollment Teacher Cadet - Educational Psychology (CTE Completers Only))	Education Fundamentals Assessment/Certification
					Note: Teacher Cadet Courses have both CTE and Academic course codes. The content is the same for CTE ad academic students. The only difference is the use of the CTE course code for a CTE completer program.	
					5400 - Entrepreneurship 5020 - Integrated Business Applications 1 (ARHS only) 5031 - Fundamentals of Web Page Design 6390- Education and Training work-based learning	