2023-2024 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	5600 - Agribusiness and Marketing*	
Anno	011101	Hant and Animal Systems	Ŧ		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*	
Акпэ	010001	Horticulture	4		5690 - Agriculture, Food, and Natural Resources Internship, work-based credit*	
		Environmental and Natural Resources		5628 - Environmental and Natural Resources 1* (2 credits)	5604 - Agricultural Mechanics and Technology for the Workplace 1 and 2 (2 Credits)	OSHA 10
DCCTC	030101		4	5629 - Environmental and Natural Resources 2* (2 credits)	5621 - Equipment Operation and Maintenance (2 Credits)	
			urces		5690 - Agriculture, Food, and Natural Resources Internship, work-based credit	
				Architecture and Constructio	n Cluster	
School	CIP Code	Major	Units Needed to Complete	Required Concentrator Courses (2)	Course to complete program (1 or 2 depending on Program)	Certifications
осстс	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
		Electricity	4	6287 - Electricity 1* (2 credits)	6289 - Electricity 3 (2 credits)	OSHA 10
осстс	460301			6288 - Electricity 2* (2 credits)	6290 - Electricity 4 (2 credits)	NCCER
beere	400501		Lieunity	-		6690 - Architecture and Construction Internship, work-based credit
				Arts, Audio-Video Technology, and (Communication	
School	CIP Code	Major	Units Needed to Complete		Course to complete program* (1 or 2 depending on Program)	Certifications
				6124 - Media Technology 1	6126 - Media Technology 3*	
CLIC	100005		4	6125 - Media Technology 2	6127 - Media Technology 4*	N1/A
SHS	100299	Media Technology			5290 - Arts, Audio-Video Technology and Communications, work-	N/A
					based learning	
			4	6170 - Architectural Design 1* (2 credits)	5290 - Arts, Audio-Video Technology and Communications, work-	
	151201	Architecture/Mechanical	4	6170 - Architectural Design 1* (2 credits) 6171 - Architectural Design 2* (2 credits)	5290 - Arts, Audio-Video Technology and Communications, work- based learning	
осстс	151301	Architecture/Mechanical Design	4			OSHA 10, ACU

				Business Management and A	Administration	
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
					5023 - Fundamentals of Computing*	Ever Fi - Digital Literacy
FDHS	521206	Business Information 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, FDHS,	520201	General Management	3		5031 - Fundamentals of Web Page Design	Entreprenuership and Small Business
SHS					5421 - Marketing (ARHS and FDHS)* 5490 - Business Management and Adminstration Internship, work-based credit	
				Education and Trai	ning	
chool	CIP Code	Major	Units Needed to Complete	Required Concentrator Courses (2)	Course to complete program (1 or 2 depending on Program)	Certifications
	130101	Introduction to Teaching	4	5703 - Introduction to Teaching 1	5705 - Teacher Cadet CTE	
				5704 - Introduction to Teaching 2	5800 - Child Development 1	
					5801 - Child Development 2	
					6814 - Dual Enrollment - Learners and Diversity	
ARHS,					6818 - Dual Enrollment - Classroom Inqueries with Technology -	
FDHS,					EDU 201 or EDU 204	
SHS					8817 - Dual Enrollment - (Teacher Cadet 2) - Educational	
					Psychology (CTE Completers Only)	
					5031 - Fundamentals of Web Page Design	
					5400 - Entrepreneurship	
					6390 - Education and Training Internship, work-based credit	
				Finance		
ichool	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
					6190 - Finance Internship, work-based credit	Ever Fi - Digital Literacy
				5001 - Accounting 1	5005 - Accounting 2 (ARHS Only)*	Microsoft Office 2016
ARHS, FDHS,	520804	304 Business Finance	3	5273 - Business Finance	5400 - Entrepreneurship*	Ever Fi - Digital Literacy and Wellness
SHS					5421 - Marketing (ARHS Only)*	Entrepr. & Small Business

			Go	overnment and Public Adminstration Cluster (R	OTC will Join CTE in 2024-2025)		
School	CIP Code	Major	Units Needed to Complete		complete program	Certifications	
ARHS, FDHS, SHS	280503	National Security (Pending)	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	
		There are no Government an	d Public Administ	ration pathways being offered in DD2 or the Dorchester Cou	unty Career and Technology Center at this time		
				Health Science			
School	CIP Code	Major	Units Needed to Complete	Required Concentrator Courses (2)	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, FDHS, SHS	260102	PLTW - Biomedical Sciences	3		5540 - Medical Terminology* 5555 - Sports Medicine 1 5556 - Sports Medicine 2 5590 - Health Science Internship, work-based credit	OSHA 10	
					5591 - Sports Medicine Internship, work-based credit		
				5555 - Sports Medicine 1	5557 - Sports Medicine 3*	First Aid/Heart Saver CPR	
ARHS,				5556 - Sports Medicine 2	5540 - Medical Terminoloy*	Basic Life Support CPR	
FDHS,	310505	Sports Medicine	3		5581 - PLTW - Human Body Systems	OSHA 10	
SHS	310303		5		5580 - PLTW - Principles of Biomedical Sciences		
5115					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)		OSHA 10	
DCCTC	510000	Health Science	3			Certified Billing and Coding	
						First Aid/Heart Saver CPR	
						Stop the Bleed	
						Pharmacy Tech	
				Hospitality and Touri	sm		
School	CIP Code	Major	Units Needed to Complete		Course to complete program (1 or 2 depending on Program)	Certifications	
				5720 - Culinary Arts Management 1	5722 - Introduction to Culinary Arts Management*		
				and	5001 - Accounting 1*	-	
ARHS, FDHS,	520905	Culinary Arts	Culinary Arts 3	3	5721 - Culinary Arts Management 2	5400 - Entrepreneurship*	ServSafe Food Handler, ServSafe
SHS				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	3	5721 - Culinary Arts 2* (2 credits)	5190 - Hospitality and Tourism Internship, work-based credit	ServSafe Food Handler	
				or		Prostart	
			5723 - Baking and Pastry *	5723 - Baking and Pastry * (2 credits)		11050010	

				Human Services			
School	CIP Code	Major	Units Needed to Complete		Course to complete program (1 or 2 depending on Program)	Certifications	
			8 Units and	6150 - Cosmetology* (2 credits)	6152 - Cosmetology 3* (2 credits)	State Comsetology License	
DCCTC	120401	Cosmetology		6151 - Cosmetology 2* (2 credits)	6153 - Cosmetology 4* (2 credits)	OSHA 10	
					5790 - Human Services, work-based credit		
DCCTC	120410	Nail Technology	3 Units and 360 Hours	6154 - Nail Technology 1* (2 credits)	5790 - Human Services, work-based credit	State Nail Technician License	
			nours	6155 - Nail Technology 2* (2 credits)		OSHA 10	
				Information Technology			
School	CIP Code	Major	Units Needed to Complete	Required Concentrator Courses (2)	Course to complete program (1 or 2 depending on Program)	Certifications	
				5031 - Fundamentals of Web Page Design	5422 - Digital Media Marketing* (FDHS Only)	Entreprenuership and Small Business	
				5033 - Advanced Web Design and Development	5023 - Fundamentals of Computing*	Ever Fi Digital Literacy and Wellness	
					5340 - Image Editing* (FDHS Only)		
ARHS,		Web and Digital			5350 - Foundations of Animaiton*		
FDHS	110801	Communications	3		4771CTAW - AP Computer Science A (FDHS)		
					4775CTAW - AP Computer Science Principals (ARHS, FDHS)		
					5176 - Digital Publication Design		
					5400 - Entrepreneurship		
					5390 - Information Technology Internship, work-based credit		
					CIS 150 - Introduction to Networking (Equivalent to 6759 - Networking 1)	CIS 106 - Introduction to Operating Systems (Equivalent to 6726 - Computer Operating Systems) *	Network Protocols and Services
				CIS 225 - Network Protocols and Services (Equivalent to 6760 - Networking 2)	CIS 126 - Introduction to Programming (Equivalent to 6768 - Computer Programming 1)	Computer Configuration II	
					CIS 206 - UNIX Administration (Equivalent to 5323 - Advanced Computer Operating Systems)	Principles of Cybersecurity	
ECPI		1 Networking Systems			CIS 212 - Network Secruity Concepts (Equivalent to 6762 - Cyber Security Fundamentals) *	Introduction to Cloud Solutions	
(ARHS,	110901		4		EET 250 - Computer Configuration 1 (Equivalent to - 6752		
FDHS,	110901		4		Computer Repair and Service)		
SHS)					EET 251 - Computer Configuration II (Equivalent to 6753 -		
					Advanced Computer Repair and Service)		
					CIS 123 - Introduction to Scripting (Equivalent to 83F0 -		
					Computer Programming with Python)		
					4771CTAW - AP Computer Science A (FDHS)* 4775CTAW - AP Computer Science Principals (ARHS, FDHS)*		
					5023 - Fundamentals of Computing*		
					5400 - Entrepreneurship*		
					5031 - Fundamentals of Web Page Design*		

Units restriction, and Security Corrections, and Security Corrections, and Security work-based Certifications School OP de Management Services Massessment Services School School Course to complete program (1 or 2 depending on Program) Certifications DCCT 49.002 Energony, and Fire School								
School Off-Code Major Conglete Conglete Conglete Congrete Congretant Loc 2 depending on Program Certifications DCCT 43003 Emergency and File 3 Emergency and File OSI 1- KIP Fighter 1* (2 credits) SSD 1- KIP, Public Safety, Corrections, and Security work-based OSI 1- 0 DCCT 43007 Rew Enforcement Services 3 Edit-KIP Fighter 2* (2 credits) SSD 1- KIP, Public Safety, Corrections, and Security work-based OSI 1- 0 DCCT 43017 Rew Enforcement Services 3 Edit-KiP Fighter 2* (2 credits) SSD 1- KIP, Public Safety, Corrections, and Security work-based OSI 1- 0 Store Conglete Major Construction Constructions Const		Law, Public Safety, Corrections, and Security Cluster						
OCCTC 430203 Memogene (and inferming) ONA 10 DCCTC 430207 Law Enforcement Services 3 6515 - Inter Fighter 11 (2 cedits) 6510 - Law, Public Safety, Correction, and Security work-based OSHA 10 DCCTC 430107 Law Enforcement Services 3 6510 - Law Enforcement 2° (credits) 6510 - Law Enforcement 2° (credits) 6510 - Law Enforcement 2° (credits) 0510 - Law Enforcement 2° (credits) 0514 - 100 Stable Interning Machine Technology 6210 - Electrical Components/Industrial Safety 0212 - Electro Pneumatics and Hydraulics 0514 - 100 DCCTC 480508 Machine Technology 4 6210 - Electrical Components/Industrial Safety 6212 - Electro Pneumatics and Hydraulics 0514 - 100 DCCTC 480508 Machine Technology 4 6210 - Machine Technology 1° (credits) 6340 - Manufacturing inte	School	CIP Code	Major		Required Concentrator Courses (2)	Course to complete program (1 or 2 depending on Program)	Certifications	
Image: Constraint of the state of	DCCTC	430203	8 1	3	6514 - Fire Fighter 1* (2 credits)		OSHA 10	
DCCTC 430107 Law Enforcement Services 1° (2 credits) Jearning Control Optimized School CIP Code Major Units Needed to Complete Required Concentrator Courses (2) Course to complete program (1 or 2 depending on Program) Certifications School CIP Code Major Units Needed to Complete 6210 - Electrical Components/Industrial Safety C212 - Electro Pneumatics and Hydraulic OSHA 10 SHS 150404 Mechatronics Integrated Technologies 6210 - Electrical Components/Industrial Safety C212 - Electro Pneumatics and Hydraulic OSHA 10 DCCTC 480508 Machine Technologies 4 6210 - Electrical Components/Industrial Safety C213 - Digital Fudamentals and Programmable Controllers HAAS CNC Mill Operator DCCTC 480508 Machine Technology 4 6230 - Machine Tool Technology 12 (2 credits) G490 - Manufacturing Internship, work-based credit NINS (Maintrican Institute for Metal Working Sails) DCCTC 480508 Maleing Technology 4 6230 - Machine Tool Technology 12 (2 credits) G490 - Manufacturing Internship, work-based credit NINS (Maintrican Institute for Metal Working Sails) DCTC 480508 Major Units Need			Management Services		6515 - Fire Fighter 2* (2 credits)			
School CIP Code Major Units Needed to Complete to Compl	DCCTC	430107	Law Enforcement Services	3	6510 - Law Enforcement Services 1* (2 credits)		OSHA 10	
School CIP Code Major Units Needed to Complete Required Concentrator Courses (2) Course to complete program (1 or 2 depending on Program) Certifications SHS 150404 Mechatronics Integrated Technologies 4 S210 - Electrical Components/Industrial Safety 6212 - Electro Pneumatics and Hydraulics OSHA 10 DCCTC 480503 Machine Technology 4 6230 - Indichanical Components/Industrial Safety 6490 - Manufacturing Internship, work-based credit MASS CNC Lathe Operator DCCTC 480503 Machine Technology 4 6320 - Machine Tool Technology 1* (2 credits) 6490 - Manufacturing Internship, work-based credit NMSS (Nation Institute for Metal Working Skills) DCCTC 480508 Weiding Technology 4 6320 - Machine Tool Technology 2* (2 credits) 6342 - Weiding Technology 3 (2 credits) AWS (American Weiding Society) DCCTC 480508 Weiding Technology 4 6340 - Weiding Technology 2* (2 credits) 6343 - Weiding Technology 4 (2 credits) OSHA 10 DCCTC 480508 Major Units Needed to Complete Required Concentrator Courses (2) Course to complete program (1 or 2 depending on Program) Certifications FPDHS					6511 - Law Enforcement 2* (credits)			
School CIP Code Major Units Needed to Complete Required Concentrator Courses (2) Course to complete program (1 or 2 depending on Program) Certifications SHS 150404 Mechatronics Integrated Technologies 4 S210 - Electrical Components/Industrial Safety 6212 - Elecro Pneumatics and Hydraulics OSHA 10 DCCTC 480503 Machine Technology 4 6230 - Indechanical Components (Inductiving Internship, work-based credit HAAS CNC Mill Operator DCCTC 480503 Machine Technology 4 6230 - Machine Tool Technology 1* (2 credits) 6490 - Manufacturing Internship, work-based credit NMS(Nation Institute for Metalot Working Skills) DCCTC 480508 Maching Technology 4 6300 - Weiding Technology 2* (2 credits) 6342 - Weiding Technology 3 (2 credits) OSHA 10 DCCTC 480508 Weiding Technology 4 6340 - Weiding Technology 2* (2 credits) 6342 - Weiding Technology 3 (2 credits) OSHA 10 DCCTC 480508 Major Units Needed to Complete Required Concentrator Courses (2) Course to complete program (1 or 2 depending on Program) Certifications FDCTC 480508 Major <td< th=""><th></th><th></th><th></th><th></th><th></th><th></th><th></th></td<>								
Schol CP Code Major Complete Required Concentrator Course (2) Course to complete program (1 or 2 depending on Program) Certifications 31 10404 Mechatronics integrated Technologies 4 2010 - Electrical Components/Industrial Safety 2011 - Mechanical Components Electric Drives/ Hand & Power 6212 - Elecro Pneumatics and Hydraulics OSHA 10 B0503 Machine Technologies 4 6231 - Machine Tool Technology 1* (2 credits) 6490 - Manufacturing Internship, work-based credit MASC NC Lathe Operator DCCTC 480508 Machine Technology 4 6340 - Welding Technology 2* (2 credits) 6342 - Welding Technology 3 (2 credits) MMS (Nation Institute for Metal Working Skills) DCCTC 480508 Major Units Needed to Complete 6340 - Welding Technology 2* (2 credits) 6342 - Welding Technology 4 (2 credits) 0SHA 10 DCTC 480508 Major Units Needed to Complete Required Concentrator Courses (2) Course to complete program (1 or 2 depending on Program) Certifications FDH 99903 Marketing Communications 3 S21- Marketing S201 - Marketing S201 - Marketing S21 - Marketing S21 - Marketing S21 - Marke					Manufacturing			
SH Mediatronics Integrated Technologies 4 6211-Mechanical Components Electric Drives/Hand & Power Tool Op. 6213- Digital Fudamentals and Programmable Controlles HAAS CNC Mill Operator DCCC 480503 Machine Technologies 4 6230-Machine Tool Technology 1* (2 credits) 6490-Manufacturing Internship, work-based credit HAAS CNC Mill Operator DCCC 480503 Machine Technology 4 6230-Machine Tool Technology 1* (2 credits) 6490-Manufacturing Internship, work-based credit NIMS (Nation Institute for Metal Working Skills) DCCC 480503 Machine Technology 4 6340-Welding Technology 2* (2 credits) 6342-Welding Technology 3 (2 credits) AWS (American Welding Society) DCCC 480508 Major Units Meeded to Complete OSHA 10 OSHA 10 Stati Welding Technology 2* (2 credits) 6343-Welding Technology 4 (2 credits) OSHA 10 Stati Marketing Technology 2* (2 credits) 6343-Welding Technology 4 (2 credits) OSHA 10 Stati Marketing Technology 2* (2 credits) 6340- Entreprenuenship work-based credit OSHA 10 Stati Marketing Technology 2* (2 credits) 6340- Entreprenuenship work-based credit Adobe Photoshop Cert. Stati Marketi	School	CIP Code	Major		Required Concentrator Courses (2)	Course to complete program (1 or 2 depending on Program)	Certifications	
SHS 15044 Technologies 4 Tool Op. 6213 - Digital Fudamentals and Programmable Controllers HAAS CNC Mill Operator DCCC 48050 Machine Technology 4 630 - Machine Tool Technology 1* (2 credits) 6490 - Manufacturing internship, work-based credit HAAS CNC Mill Operator DCCC 480503 Machine Technology 630 - Machine Tool Technology 2* (2 credits) 6490 - Manufacturing internship, work-based credit Working Skills) DCCC 480508 Welding Technology 2* (2 credits) 6342 - Welding Technology 3 (2 credits) AWS (American Welding Society) DCCC 480508 Major Units Needed to 6340 - Welding Technology 2* (2 credits) 6343 - Welding Technology 3 (2 credits) OSHA 10 DCCC 480508 Major Edita Welding Technology 2* (2 credits) 6343 - Welding Technology 4 (2 credits) OSHA 10 DCCC Velding Technology 2* (2 credits) 6340 - Manufacturing Internship, work-based credit NCCCR Shool CIP Code Major Units Needed to Complete Complete program (1 or 2 depending on Program) Certifications FDH Marketing Communication 341 Set21 - Marketing So01 - Accounting 1* Adobe Photoshop Cert. FDH						6212 - Elecro Pneumatics and Hydraulics	OSHA 10	
PCCC 48050 Machine Technology 4 630-Machine Tool Technology 1(2 credits) 6490-Manufacturing Internship, work-based credit NIMS (Nation Institute for Media Working Skills) DCCC 480508 Welding Technology 630-Machine Tool Technology 2(2 credits) 6342-Welding Technology 3 (2 credits) AWS (American Welding Society) DCCC 6400-Manufacturing Internship, work-based credit 005HA 10 Mediang Technology 640-Welding Technology 4 (2 credits) 6343-Welding Technology 4 (2 credits) 005HA 10 State Marketing Computer Marketing Computer Marketing Computer 005HA 10 State Marketing Communications Marketing 6400-Manufacturing Internship, work-based credit 005HA 10 FPH Marketing Communications Marketing State American Welding Technology 4 (2 credits) 6400-Entrepreneurship* Adobe Photoshop Cert. FPH Marketing Communications State American Welding Marketing State Computer State Computer Adobe Photoshop Cert. Entrepreneurship and Small Business FPH Marketing Communications State American Welding Marketing State American Welding Marketing State State State State State State State Stat	SHS	150404		4		6213 - Digital Fudamentals and Programmable Controllers	HAAS CNC Mill Operator	
DCCCC 48053 Machine Technology 4 6230 - Machine Tool Technology 1° (2 credits) 6490 - Manufacturing Internship, work-based credit Working Skills) DCCCC 48058 Meding Technology 4 631 - Machine Tool Technology 2° (2 credits) 6342 - Welding Technology 3 (2 credits) AWS (American Welding Society) DCCCC 48058 Welding Technology 4 6340 - Welding Technology 2° (2 credits) 6343 - Welding Technology 4 (2 credits) AWS (American Welding Society) DCCCC 48058 Welding Technology 4 6340 - Welding Technology 2° (2 credits) 6343 - Welding Technology 4 (2 credits) AWS (American Welding Society) North Coll Method Method Welding Technology 2° (2 credits) 6343 - Welding Technology 4 (2 credits) AWS (American Welding Society) School CP Major Units Needed to Complete Required Concentrator Courses (2) Course to complete program (1 or 2 depending on Program) Certifications FDHS Marketing Communications 3 Second American Media Marketing Solo - Entrepreneurship* Adobe Photoshop Cert. FDHS Marketing Communications 3 Second American Media Marketing Solo - Entrepreneurship* Adobe Photoshop Cert. FDHS Marketing Communications 3 Second American Media Marketing Solo - Entrepreneurship <						6490 - Manufacturing Internship, work-based credit	HAAS CNC Lathe Operator	
DCCT 480508 Welding Technology 4 6340 - Welding Technology 1* (2 credits) 6342 - Welding Technology 3 (2 credits) AWS (American Welding Society) 6341 - Welding Technology 2* (2 credits) 6343 - Welding Technology 4 (2 credits) 6343 - Welding Technology 4 (2 credits) 05HA 10 6490 - Manufacturing Internship, work-based credit NCCER Marketing School CIP Code Major Units Needed to Complete Required Concentrator Courses (2) Course to complete program (1 or 2 depending on Program) Certifications School CIP Code Major S421 - Marketing 5400 - Entrepreneurship* Adobe Photoshop Cert. FDHS 90903 Marketing Communications 3 S421 - Marketing 5031 - Fundamentals of Web Page Design* Entreprenuership and Small Business S101 - Accounting 1* 5332 - Advanced Web Page Design and Development 5001 - Accounting 1* Entreprenuership and Small Business S21401 Marketing Management 3 5421 - Marketing 5001 - Accounting 1* Entreprenuership and Small Business S21401 Marketing Management 3 5421 - Marketing 5001 - Accounting 1* Business S21401 Marketing Management 5005 - Accounting 1* Entreprenuership and Small Business Business S	DCCTC	480503	Machine Technology	4	6230 - Machine Tool Technology 1* (2 credits)	6490 - Manufacturing Internship, work-based credit	`	
DCCC 480508 Welding Technology 4 641 - Welding Technology 2* (2 credits) 634 - Welding Technology 4 (2 credits) OSHA 10 6490 - Manufacturing Internship, work-based credit NCCER Welding Technology 2* (2 credits) 634 - Welding Technology 4 (2 credits) OSHA 10 Kohool CIP Code Major Units Needed to Complete Required Concentrator Courses (2) Course to complete program (1 or 2 depending on Program) Certifications FDHS 90903 Marketing Communications 5421 - Marketing 5031 - Fundamentals of Web Page Design* Entrepreneurship and Small Business FDHS 90903 Marketing Communications 3 5421 - Marketing 5031 - Fundamentals of Web Page Design and Development Business 5011 - Accounting 1* 5033 - Advanced Web Page Design and Development 5031 - Accounting 1* Entreprenuership and Small FURT 521401 Marketing Management 5001 - Accounting 1* Business 521401 Marketing Management 5001 - Accounting 1* Microsoft Office 2016 5217 - Business Finance* 5400 - Entreprenuership* Microsoft Office 2016					6231 - Machine Tool Technology 2* (2 credits)		OSHA 10	
Image: Constraint of the constraint	DECTE	490509	Welding Technology	ng Technology 4	6340 - Welding Technology 1* (2 credits)	6342 - Welding Technology 3 (2 credits)	AWS (American Welding Society)	
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School CIP Code Major Units Needed to Complete Required Concentrator Courses (2) Course to complete program (1 or 2 depending on Program) Certifications FDHS 90903 Marketing Communications 3 5421 - Marketing 5031 - Fundamentals of Web Page Design* Entreprenuership and Small Business FDHS 90903 Marketing Communications 3 5421 - Marketing 5031 - Fundamentals of Web Page Design* Entreprenuership and Small Business FDHS 90903 Marketing Communications 3 5421 - Marketing 5017 - Digital Publication Design* Entreprenuership and Small Business FDHS 90903 Marketing Communications 3 5421 - Marketing 5017 - Digital Publication Design* Entreprenuership and Small Business 5410 Marketing Management 3 5421 - Marketing 5001 - Accounting 1* Entreprenuership and Small Business ARHS 521401 Marketing Management 3 5426 - Sports and Entertainment Management 5005 - Accounting 2 Microsoft Office 2016 5400 - Entrepreneurship* 5400 - Entrepreneurship* Microsoft Office 2016 Microsoft Office 2016					6490 - Manufacturing Internship, work-based credit	NCCER		
School CIP Code Major Units Needed to Complete Required Concentrator Courses (2) Course to complete program (1 or 2 depending on Program) Certifications FDHS 90903 Marketing Communications 3 5421 - Marketing 5031 - Fundamentals of Web Page Design* Entreprenuership and Small Business FDHS 90903 Marketing Communications 3 5421 - Marketing 5031 - Fundamentals of Web Page Design* Entreprenuership and Small Business FDHS 90903 Marketing Communications 3 5421 - Marketing 5017 - Digital Publication Design* Entreprenuership and Small Business FDHS 90903 Marketing Communications 3 5421 - Marketing 5017 - Digital Publication Design* Entreprenuership and Small Business 5410 Marketing Management 3 5421 - Marketing 5001 - Accounting 1* Entreprenuership and Small Business ARHS 521401 Marketing Management 3 5426 - Sports and Entertainment Management 5005 - Accounting 2 Microsoft Office 2016 5400 - Entrepreneurship* 5400 - Entrepreneurship* Microsoft Office 2016 Microsoft Office 2016								
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FDHS 90903 Marketing Communications 3 5422 - Digital Media Marketing 5031 - Fundamentals of Web Page Design* Entreprenuership and Small Business FDHS 90903 Marketing Communications 3 5422 - Digital Media Marketing 5031 - Fundamentals of Web Page Design* Entreprenuership and Small Business ARHS 521401 Marketing Management 3 5421 - Marketing 5001 - Accounting 1* Entreprenuership and Small Business ARHS 521401 Marketing Management 3 5421 - Marketing 5001 - Accounting 2 Entreprenuership and Small Business ARHS 521401 Marketing Management 3 5426 - Sports and Entertainment Management 5005 - Accounting 2 Microsoft Office 2016 5273 - Business Finance* 5400 - Entrepreneurship* 5400 - Entrepreneurship* Microsoft Office 2016	School	CIP Code	Major		Required Concentrator Courses (2)	Course to complete program (1 or 2 depending on Program)	Certifications	
FDHS 90903 Marketing Communications A 5422 - Digital Media Marketing 5031 - Fundamentals of Web Page Design* Business FDHS 90903 Marketing Communications 34 Fundamentals of Web Page Design* Business S001 - Accounting 1* 540 - Image Editing* 5001 - Accounting 1* 5001 - Marketing Internship, work-based learning 5001 - Marketing Internship, work-based learning Entreprenuership and Small Business ARHS 521401 Marketing Management 34 5421 - Marketing 5001 - Accounting 1* Entreprenuership and Small Business ARHS 521401 Marketing Management 34 5421 - Marketing 5005 - Accounting 1* Microsoft Office 2016 5420 - Sports and Entertainment Management 5005 - Accounting 2 Microsoft Office 2016 Business 5400 - Entrepreneurship* 5400 - Entrepreneurship* 5400 - Entrepreneurship* Microsoft Office 2016			03 Marketing Communications		5421 - Marketing	5400 - Entrepreneurship*		
PDHS 90903 Marketing Communications 3 And the properties of the p				nmunications 3	5422 - Digital Media Marketing	5031 - Fundamentals of Web Page Design*		
ARHS 521401 Marketing Management 340 - Image Editing* 530 - Image Editing* 5001 - Accounting 1* ARHS 521401 Marketing Management 5421 - Marketing 5001 - Accounting 1* Entreprenuership and Small Business 521401 Marketing Management 5421 - Marketing Internationent Management 5005 - Accounting 2 Microsoft Office 2016	FDHS	90903						
ARHS 521401 Marketing Management 5421 - Marketing Internation Management 5003 - Advanced Web Page Design and Development 5001 - Marketing Internaship, work-based learning ARHS 521401 Marketing Management 5421 - Marketing 5001 - Accounting 1* Entreprenuership and Small Business 521401 Marketing Management 5426 - Sports and Entertainment Management 5005 - Accounting 2 Microsoft Office 2016 5273 - Business Finance* 5400 - Entrepreneurship* 5400 - Entrepreneurship* Microsoft Office 2016	_			_				
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Aking 521401 Marketing Management 3 521401 Marketing Management 3 5200 - Entrepreneurship*			L Marketing Management				Business	
5400 - Entrepreneurship*	ARHS	521401		3	5426 - Sports and Entertainment Management		Microsoft Office 2016	
						5400 - Entrepreneursnip* 5091 - Marketing Internship, work-based learning		

				Colores Technology Engineering a	ad Mathematics	
School	CIP Code	Major	Units Needed to Complete	Science, Technology, Engineering, a 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
				6051 - PLTW - Introduction to Engineering Design (AR only)	6058 - PLTW - Civil Engineering and Architecture	
ARHS, FDHS,	140101	Pre-Engineering PLTW	4	or 6051 - PLTW - Introduction to Engineering Design (AR only)	6090 - Science, Technology, Engineering, and Mathematics Internship, work-based learning	
SHS				6144 - PLTW - Engineering Essentials		
				or		
				6144 - PLTW - Engineering Essentials		
		<u> </u>		6050 - PLTW - Principles of Engineering		
			1	Transportation, Distribution, an	d Logistics	
School	CIP Code	Major	Units Needed to Complete	Required Concentrator Courses (2)	Course to complete program (1 or 2 depending on Program)	Certifications
	470603	Automotive Collision Repairt Technology	Repairt 4	6020 - Automotive Collision Repair 1* (2 credits)	6022 - Automotive Collision Repair 3 (2 credits)	ASE
DCCTC				6021 - Automotive Collision Repair 2* (2 credits)	6023 - Automotive Collision Repart 4 (2 credits)	OSHA 10
					6790 - Transportation, Distributution, and Logistics work-based learning	TIA
		4 Automotive Technology	Technology 4	6030 - Automotive Technology 1* (2 credits)	6032 - Automotive Technology 3 (2 credits)	ASE
сстс	470604			6031 - Automotive Technology 2* (2 credits)	6033 - Automotive Technology 4 (2 credits)	OSHA 10
	470604				6790 - Transportation, Distributution, and Logistics work-based learning	TIA
		Diesel Engine Technology	4	6310 - Diesel Engine Technology 1* (2 credits)	6790 - Transportation, Distributution, and Logistics work-based learning	ASE
DCCTC	470605			6311 - Diesel Engine Technology 2* (2 credits)		OSHA 10
						TIA
		Logistics and Supply Chain		68P0 - Logistics and Distribution	68P3 - Work-based Learning	
OCCTC	520203	Management (Not in CTE	4	68P1 - Warehouse Distribution		N/A
		State Guide)		68P2 - Warehouse Inventory		