

Parma City Schools Articulations

Program	Teacher Name	Tri-C Tech Prep Overall Requirements: 1. GPA 2.75 CTE Program 2. GPA 2.0 Overall 3. Tri-C Application 4. Articulation Agreement 5. Complete CTE program and graduate high school http://www.tri-c.edu/get-started/early-college/tech-prep/Parma.html	Ohio Higher Education College Credit Based on courses and End of Course Exam (Webxam) https://www.ohiohighered.org/	Ohio Technical College (OTC) Teachers have signed contract copies	Vatterott College Teachers have signed contract copies	Kent State University Teachers have signed contract copies	Lake Erie College Teachers have signed contract copies
AUTO COLLISION Ohio Technical College	Bradny			OTC Collision Repair and Refinishing 1. Non-Structural Collision Repair 2. Electrical Components 3. Collision Painting and Refinishing I-CAR Certifications required for these modules.			

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AUTOMOTIVE SERVICE TECHNOLOGY Tri-C (3 credits) Ohio Higher Ed (2 credits) Ohio Technical College	Mitchhart	Auto 1450 Automotive Braking Systems (3 credits) Pass Final Exam "C" or better	CTAUT005 Introduction to Automotive Service and Repair (2 credits) Pass Ground Transportation Maintenance 177000 course with a C or Better and End of Course Exam with passing score.	Automotive Technology Four (4) Modules ASE Certification required for the modules.			

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BIO TECHNOLOGY Tri-C (8 credits)	2 high schools Kroth Komar	1. CHEM 1010 Introduction to Inorganic Chemistry (4 credits) 2. BIO 1040 The Cell and DNA (3 credits) Pass Final Exam 3. BIO 1040L The Cell and DNA Laboratory (1 credit) Pass Final Exam					

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BUSINESS MANAGEMENT Tri-C (16 credits) Ohio Higher Ed (3 credits)	Swinger	1. BADM 1020 Introduction to Business (3 credits) 2. BT 1000 Keyboarding (2 credits) 3. BT 1201 Word Processing I (3 credits) Word Core Certification 4. BT 2220 Business Spreadsheet Applications (3 credits) Excel Core a Certification 5. BT 2210 Presentation Software (2 credits) PowerPoint Certification 6. BT 2300 Business Database Systems (3 credits) Access Certification	CTAPS001 Office Procedures (3 credits) Pass Office Management 142005 with C or Better and qualifying score of 54 or higher on End of Course Exam				

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CARPENTRY/ CONSTRUCTION TRADES Tri-C (6 credits) Ohio Higher Ed (9 credits) Vatterott College	Hammon	1. CNST 1281 Construction Engineering Orientation (3 credits) 2. CNST XXXX Construction Elective Course (3 credits)	1. CTCON001 Plan Reading (3 credits) Plan Reading 178019 qualifying score of 64 or higher on End of Course Exam 2. CTCON002 Construction Safety (3 credits) Construction Safety 178018, qualifying score of 64 or higher on End of Course Exam, and OSHA 30-hour card 3. CTCON003 Construction Methods and Materials (3 credits) Carpentry and Masonry Technical Skills 178001 qualifying score of 75 or higher on End of Course Exam		1. Introduction to Carpentry (5 quarter hours) 2. Carpentry Basics (5 quarter hours) 3. Introduction to Concrete Technology (5 quarter hours)		

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COOPERATIVE MARKETING MANAGEMENT Tri-C (16 credits) Ohio Higher Ed (3 credits)	3 high schools Murray Holt Balis Cornish	1. BADM 1020 Introduction to Business (3 credits) 2. BT 1000 Keyboarding (2 credits) 3. BT 1201 Word Processing I (3 credits) Word Core Certification 4. BT 2220 Business Spreadsheet Applications (3 credits) Excel Core a Certification 5. BT 2210 Presentation Software (2 credits) PowerPoint Certification 6. BT 2300 Business Database Systems (3 credits) Access Certification	CTENTR001 Introduction to Entrepreneurship (3 credits) Strategic Entrepreneurship 141030 qualifying score of 56 or higher on End of Course Exam CTSCM001 Introduction to Supply Chain Management Technology(3 credits) Supply Chain Management Technology 141025 qualifying score of 73 or higher on End of Course Exam				

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COSMETOLOGY Tri-C (3 credits)	Rose, Galgoczy Martin, and Lehky	BT XXXX Business Technology Elective (3 credits)					

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CULINARY Tri-C (3-4 credits) Ohio Higher Ed (11 credits)	Johnson and Gibbons	1. HOSP 1040 Customer Service (2 credits) 2. HOSP XXXX HOSP Elective Course (1-2 credits). Minimum 180 hours for 1 credit. Over 360 hours for 2 credits.	1. CTCF001 Sanitation and Safety (2 credits) Student must hold a current ServSafe Manager Certification offered through the National Restaurant Association (NRA) 2. CTCF002 Introduction to Hospitality and Tourism (2 credits) Hospitality Fundamentals 330000 qualifying score of 68 or higher on End of Course Exam 3. CTCF005 Basic Food Production (4 credits) Fundamentals of Food Production 330100 qualifying score of 76 or higher on End of Course Exam 4. CTCF009 Food Principles and Purchasing (3 credits) Restaurant Management 330120 qualifying score of 66 or higher on the End of Course Exam				

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DENTAL Tri-C (4 credits) Ohio Higher Ed (3 credits)	English	1. HTEC 1040 Health Career Exploration (1 credit) 2. HLTH 1110 Personal Health Education (3 credits)	CTMT001 Medical Terminology (3 credits) Medical Terminology 072150 qualifying score of 61 or higher on End of Course Exam				

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DIGITAL MEDIA AND CREATIVE ART Ohio Higher Ed (12 credits)	Droes		1. CTMDA001 Introduction to Digital Media Arts and Design (3 credits) “C” or better in Digital Media Art 340325 and 49 or higher on End of Course Exam 2. CTMDA002 Introduction to Audio Production (3 credits) “C” or better in Audio Broadcast 340130 and 77 or higher on End of Course Exam 3. CTMDA003 Introduction to Single Camera Video Production (3 credits) “C” or better in Video Production 340145 and 59 or higher on End of Course Exam 4. CTMDA004 Multi-Media Production for the Web (3 credits) “C” or better in Multi-Media Web Production 340160 and 53 or higher on End of Course Exam				

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MEDICAL Tri-C (4 credits) Ohio Higher Ed (3 credits) Vatterott College (10 quarter hours)	Spooner O'Callahan	1. HTEC 1040 Health Career Exploration (1 credit) 2. HLTH 1110 Personal Health Education (3 credits)	CTMT001 Medical Terminology (3 credits) Medical Terminology 072150 qualifying score of 61 or higher on End of Course Exam		1. Medical Terminology (3 quarter hours) 2. Anatomy and Physiology (4 quarter hours) 3. Technical Mathematics (3 quarter hours)		
MEDICAL Exercise Science Tri-C (4 credits) Ohio Higher Ed (9 credits) Vatterott College (10 quarter hours)	Morgan	1. HTEC 1040 Health Career Exploration (1 credit) 2. HLTH 1110 Personal Health Education (3 credits)	1. CTMT001 Medical Terminology (3 credits) Medical Terminology 072150 qualifying score of 61 or higher on End of Course Exam 2. CTES001 Introduction to Exercise Science (3 credits) Athletic Training 072000 qualifying score of 56 or higher on End of Course Exam 3. CTES002 Fitness and Health Foundations (3 credits) Fitness Evaluation and Assessment 072020 qualifying score of 61 or		1. Medical Terminology (3 quarter hours) 2. Anatomy and Physiology (4 quarter hours) 3. Technical Mathematics (3 quarter hours)		

			higher on End of Course Exam				
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PLTW BIOMEDICAL Tri-C (8 credits) Ohio Higher Ed (3 credits) Vatterott College (10 quarter hours)	Boone	1. CHEM 1010 Introduction to Inorganic Chemistry (4 credits) 2. BIO 1040 The Cell and DNA (3 credits) Pass Final Exam 3. BIO 1040L The Cell and DNA Laboratory (1 credit) Pass Final Exam	CTMT001 Medical Terminology (3 credits) Medical Terminology 072150 qualifying score of 61 or higher on End of Course Exam		1. Medical Terminology (3 quarter hours) 2. Anatomy and Physiology (4 quarter hours) 3. Technical Mathematics (3 quarter hours)		

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NETWORKING Tri-C (3 credits) Ohio Higher Ed (30 credits) Kent State (12 credits)	Parks	1. IT 1025 Information Technology Concepts (3 credits)	1. CTIT002 Networking/CompTIA Network+ (3 credits) Networking 145035 qualifying score of 60 or higher on End of Course Exam AND Network Management 145045 qualifying score of 50 or higher on End of Course Exam. 2. CTIT005 Introduction to Desktop Operating Systems (3 credits) Computer Software 145030 qualifying score of 60 or higher on End of Course Exam 3. CTIT006 Introduction to User Support (3 credits) Network Security 145050 qualifying score of 63 or higher on End of Course Exam 4. CTIT007 Cisco I: CCNA 1—Introduction to Networks (3 credits) CCNA certificate 5. CTIT008 Cisco II: CCNA 2—Routing and Switching Essentials (3 credits) CCNA certificate 6. CTIT009 Cisco III: CCNA 3—Scaling Networks (3 credits) CCNA certificate 7. CTIT010 Cisco IV: CCNA 4—Connecting Networks (3 credits) CCNA certificate 8. CTIT011 Microsoft Windows Desktop Operating System (3 credits) Computer Software 145030 qualifying score of 60 or higher on End of Course Exam AND Network Operating Systems 145040 qualifying score of 55 or higher on End of Course Exam 9. CTIT013 Microsoft Server Administration (3 credits) Network Operating Systems 145040 qualifying score of 55 or higher on End of Course Exam 10. CTIT014 PC Operating System, Hardware Operation and Maintenance/A+ (3 credits)			1. IT11000 Introduction to Office Productivity Apps (3 credits) “B” or better in CTE Networking Program 2. IT11005 Introduction to Operating Systems and Networking (3 credits) “B” or better in CTE Networking Program 3. IT11006 Introduction to Website Technology (3 credits) “B” or better in CTE Networking Program 4. IT12000 Intermediate Office Productivity Apps (3 credits) “B” or better in CTE Networking	1. 2440:201 Networking Support (3 credits) “C” or better in CTE Networking Program and CCNA certificate 2. 2440:202 Router and Routing Basics (3 credits) “C” or better in CTE Networking Program and CCNA certificate 3. 2440:203 Switching Basics and Wireless (3 credits) “C” or better in CTE Networking Program and CCNA certificate 4. 2440:204 WAN Technologies (3 credits) “C” or better in CTE Networking Program and CCNA certificate 5. 2440:247 Hardware Support (3 credits) “C” or better in CTE Networking Program and CCNA certificate	

			Computer Software 145030 qualifying score of 60 or higher on End of Course Exam AND Computer Hardware 145025 qualifying score of 55 or higher on End of Course Exam					
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PLTW PRE ENGINEERING Tri-C (4 credits) Ohio Higher Ed (13 credits) Kent State (10 credits)	All 3 high schools Planty McKenna Silva	1. EET 1100 Introduction to Robotics (2 credits) 2. EET 1150 Basic Robotics with math (2 credits)	1. CTEEGT001 Introduction to Engineering (3 credits) Engineering Principles 175002 with a passing score *Field Tested 2019-20* 2. CTEEGT002 Engineering Graphics (3 Credits) Engineering Design (175001) with a passing score *Field Tested 2019-20* 3. CTEET002 Digital Electronics (4 credits) Digital Electronics 175007 with a qualifying score of 56 or higher on end of course exam 4. CTEET001 DC Circuits (3 Credits) DC Electronics			1. EERT22004 Digital Systems (4 credits) "B" or better in CTE PLTW Program 2. MERT12000 Engineering Drawing (3 credits) "B" or better in CTE PLTW Program 3. MERT12001 Computer Aided Drafting (3 credits) "B" or better in CTE PLTW Program	

			Circuit (175105) with a qualifying score of 61 or higher on end of course exam				
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TEACHER PROFESSIONS Ohio Higher Ed (3 credits) Lake Erie College (14 credits)	Wozniak Smith		CTEDU007/OED007 Introduction to Education (3 credits) Education Principles 350010, qualifying score of 68 or higher on End of Course Exam, and complete the required Portfolio				1. EDC 201 Foundations of Education (3 credits) 2. EDC 230 Educational Psychology (3 credits) 3. EDE 308 Family and Community Relations (3 credits) 4. EDC 212 Field Exploration (2 credits) 5. Classroom Management— Elective (3 credits)

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VISUAL COMMUNICATIONS Ohio Higher Ed (12 credits)	Weber		1. CTVDI001 Design and Typography Fundamentals (3 credits) Visual Creation 340315 qualifying score of 52 or higher on End of Course Exam OR Digital Print Design 340320 qualifying score of 49 or higher 2. CTVDI002 Fundamentals of Advertising and Communication (3 credits) Advertising and Communication 340340 qualifying score of 44 or higher on End of Course Exam 3. CTGRPH001 Raster Graphics (3 credits) Digital Image Editing 340120 qualifying score of 44 or higher on End of Course Exam 4. CTGRPH002 Vector Graphics (3 credits) Visual Distribution 340330				

			qualifying score of 38 or higher on End of Course				
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WELDING Tri-C (6 credits) Ohio Higher Ed (12 credits) Kent State (3 credits)	Connelly	1. ISET 1100 Welding Print Reading (2 credits) 2. ISET 2120 Stick Welding (4 credits)	1. CTW007 Oxy-Fuel Welding and Cutting (3 Credits) Matriculate to Higher Education within 3 years of program completion, successfully complete Welding Technologies 176009, earn a passing score on end of course exam combined with required performance based assessment (Score will be determined at the conclusion of field testing for 2019-20 academic year). 2. CTW008 Shielded Metal Arc Welding (3 Credits) Matriculate to Higher Education within 3 years of program completion, successfully complete SMAW (STICK) 176001,			MERT 12000 Engineering Drawing (3 credits) "B" or better in CTE Welding Program	30 Technical Credit Hours with Passage of the AWS Certification	

			<p>earn a passing score on end of course exam combined with required performance based assessment (Score will be determined at the conclusion of field testing for 2019-20 academic year).</p> <p>3. CTW009 Gas Metal Arc Welding (3 Credits) Matriculate to Higher Education within 3 years of program completion, successfully complete GMAW (MIG) 176000, earn a passing score on end of course exam combined with required performance based assessment (Score will be determined at the conclusion of field testing for 2019-20 academic year).</p> <p>4. CTW010 Gas Tungsten Arc Welding (3 Credits) Matriculate to Higher Education within 3 years of program completion, successfully complete GTAW (TIG) 176003, earn a passing score on end of course exam combined with required performance based assessment (Score will be determined at the conclusion of field testing for 2019-20 academic year).</p>					
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