

## Career-Technical Education courses and University credit information

Career-Technical Education Program	Four High School Courses	University Partner	Possible College Courses	Possible College Credit
<b>Academy of Medical Office &amp; Business Management</b>  <i>Cuyahoga Falls HS</i>	Business Foundations Medical Terminology Medical Office Management Human Resources	U of Akron U of Akron Kent State Kent State	2420:103 Essentials of Management Tech. 2420:104 Intro to Business in a Global Env. BMRT 11000 Intro to Business BMRT 21011 Fundamentals of Financial Management	3 3 3 3
<b>Aeronautics Careers Academy</b>  <i>Stow-Munroe Falls HS</i>	Introduction to Aeronautics Aviation Weather Elements of Flight Theory Aero Physics	Kent State  Kent State Kent State	AERN 15745 Non Pilot Elements of Flight Theory AERN 25250 Elements of Aviation Weather AERN 15000 Introduction to Aeronautics Aviation Airport Management CTAG Aviation Meteorology CTAG Aviation Pilot Training CTAG	3  3 3
<b>Athletic Health Care and Fitness</b>  <i>Roosevelt HS</i>	Human Anatomy/Physiology Medical Terminology CTAG Exercise/Athletic Training CTAG Fitness Evaluation Assessment Capstone CTAG	U of Akron U of Akron U of Akron U of Akron Kent State	5540:126 Fitness and Wellness 5550:150 Concepts of Health and Fitness 2470:120 Medical Terminology 5570:101 Personal Health ATTR 25036 Principles of Athletic Training	1 3 3 2 3
<b>Auto Specialization</b> <i>Hudson HS</i>	Ground Transportation Engine Powertrain Engine Performance HVAC		N/A	
<b>Automotive Technologies</b>  <i>Cuyahoga Falls HS</i> <i>Hudson HS</i>	Ground Transportation Maintenance Automotive Engine Performance Auto Braking, Suspension/ Steering Systems Ground Transport. Electrical Electronics	U of Akron  Stark State Stark State	Technical Block AUTO 1450 Auto. Braking System (Pass Final HS Exam) CTAG AUT121 Auto Technical Skills CTAG Aut122 Automotive System and Engine Tech Aut 123 Engine Diagnosis Aut 124 Vehicle Chassis Systems	30HR 3  2 4 4
<b>Biotechnology Academy</b>  <i>Woodridge HS</i>	Biochemistry of Health Biotechnology for Health & Disease Genetics of Disease Bioinformatics	TBD	TBD	
<b>Business Pathway</b>  <i>Tallmadge HS</i>	Business Foundations Marketing Applications Professional and Technical Sales Strategic Entrepreneurship CTAG	U of Akron U of Akron Kent State Kent State Stark State	2420:103 Essentials of Management Tech. 2420:104 Intro to Business in Global Environ. BMRT 11000 Intro to Business BMRT 11006 Business Computations ENT 120 Entrepreneurship	3 3 3 3 3
<b>Business and Sports Management</b>  <i>Roosevelt HS</i>	Business Principles Strategic Entrepreneurship CTAG Business & Sports Services Business & Sports Foundation Bus. & Sports Mgmt. Capstone	Kent State Kent State U of Akron U of Akron	BMRT 11000 Intro. To Business BMRT 11006 Business Computations 2420:103 Essentials of Management Tech. 2420:104 Intro to Business in a Global Environment	3 3 3 3

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<b>Collision Repair/ Auto Refinishing</b>  <i>Woodridge HS</i>	Coll. Nonstructural Inspect./Repair Collision Repainting & Refinishing Collision Structural Inspect./Repair Coll. Elect. & Mechanical Systems	Stark State Stark State U of Akron	AUT 121 Auto Technical Skills AUT122 Automotive System and Engine Tech. Technical Block	2 4 30Hr
<b>Computer Aided Design &amp; Engineering Technologies (CADET)</b>  <i>Roosevelt HS</i>	Manufacturing Operations Engineering Design Machine Tools CNC Tech & Lathes CTAG CADET II Capstone	Kent State Kent State Kent State U of Akron U of Akron U of Akron U of Akron U of Akron	MERT 12000 Engineering Drawing MERT 12001 Computer Aided Drafting EERT 22004 Digital Systems 2880:110 Manufacturing Processes CTAG 2880:140 Computer Aided Design CTAG 2880:101 Intro to Adv. Manufacturing 2880:151 Industrial Safety 2870:248 CNC Programming I	3 3 4 3 3 2 2 3
<b>Construction Technologies</b>  <i>Roosevelt HS</i>	Construction Safety CTAG Structural Systems Construction Technology Structural Coverings & Systems	Kent State Kent State U of Akron U of Akron U of Akron Stark State Stark State	CMGT 11044 Construction Safety CMFT 31015 Construction Technology 2990:131 Building Construction 2990:150 Plan Reading 2990:356 Safety in Construction MST 131 Blueprint Reading CST 237 Interpreting Construction Documents	3 3 2 2 3 2 3
<b>Cosmetology</b>  <i>Cuyahoga Falls HS Roosevelt HS</i>	Microbiology & Infection Cont. Fund. of Hair Cutting and Styling Fund. of Chemical Services Skin Care Fund.& Enhancements Tricology	Kent State U of Akron	TRAN1X Technical Hours Technical Block	30Hr 30Hr
<b>Criminal Justice</b>  <i>Cuyahoga Falls HS</i>	American Criminal Justice Syst. Police Work & Practice In Public Safety Corrections Security and Protective Services	Stark State	CJS121 Introduction to Criminal Justice CJS129 Corrections CJS214 Policing CJS221 Criminology	3 3 3 3
<b>Culinary Arts</b>  <i>Stow-Munroe Falls HS</i>	Fundamentals of Food Production CTAG Hospitality Fundamentals CTAG Baking and Pastry Arts Culinary Arts Capstone Serve Safe CTAG	Youngstown U of Akron U of Akron U of Akron Hocking Col Hocking Col Hocking Col Hocking Col	FNUT 1553 Food Science and Mgmt. Principles 2280:121 Fundamentals of Food Prep I 2280:120 Safety and Sanitation 2280:232 Dining Room Service and Training CULA-1109 Hospitality Fundamentals CTAG CULA-1113 Fundamentals of Cuisine CULA-1116 Planning Purchasing & Table Serv. CULA-1115 Baking Dev.; Breads & Pastries	3 4 2 3 1 3 3 3
<b>Early Childhood Professions</b>  <i>Tallmadge HS</i>	Curriculum and Instruction E.C. Ed. Early Childhood Ed. Principles Classroom Management Health/Safety and Nutrition	Kent State U of Akron Stark State Youngstown CTAG	ECET 21010 Infant/Toddler Curriculum and Serv. Technical Block EDU123 Health and Nutrition CHRM 1514 Introduction to Early Childhood	3 30Hr 3 3

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<b>Electronics, Robotics and Programming</b>  <i>Roosevelt HS</i>	DC and AC Circuits <i>CTAG</i> Digital Electronics <i>CTAG</i> Analog Based Electronic Devices Robotics	Kent State Kent State U of Akron U of Akron U of Akron	EERT 12000 Electric Circuits I EERT 12010 Intro. To Electronics 2860:120 Circuit Fundamentals <i>CTAG</i> 2860:237 Digital Circuits <i>CTAG</i> 2870:301 Computer Controls of Automated Systems <i>CTAG</i>	4 4 4 4 3
<b>Engineering Academy</b>  <i>Roosevelt HS</i> <i>Stow Munroe-Falls HS</i>	Manufacturing Operation Engineering Design Engineering Principles Digital Electronics <i>CTAG</i>	Kent State Kent State  U of Akron U of Akron U of Akron U of Akron U of Akron	<i>Electrical Engineering Concentration @ HS:</i> EERT 22004 Digital Systems <i>Mechanical Engineering Concentration @ HS:</i> MERT 12000 Engineering Drawing MERT 12001 Computer Aided Drafting 2880:110 Manufacturing Processes <i>CTAG</i> 2880:140 Computer Aided Design <i>CTAG</i> 2879:348 CNC Programming 2940:210 Computer Aided Drawing I 2860:237 Digital Circuits	4 3 3 3 3 3 3 4
<b>Forestry and Landscape Management</b>  <i>Roosevelt HS</i>	Plant and Horticulture Science Urban Forestry Landscape Design Turf Science and Management Forestry and LM Capstone Opt.	Kent State Kent State Kent State Tri-C Tri-C Hocking Col Hocking Col Hocking Col	HORT 16001 Intro to Horticulture HORT 26020 Landscape Management HORT 26011 Coop. Work Exper. in Tree Care PST 1351 Plant Production PST 1420 Landscape Practices BIOS 1101 Environmental Science LAND 1210 Turf Management and Irrigation LAND 2220 Integrated Plant Management	1 3 3 3 3 3 3 3
<b>Health Careers Technologies</b>  <i>Roosevelt HS</i>	Principles of Allied Health Human Anatomy & Physiology Medical Terminology <i>CTAG</i> HCT I and II Capstone Option	U of Akron Youngstown Youngstown <i>CTAG</i>	2740:120 Medical Terminology MATC 2610 Introduction to Disease Processes MATC 1502 Medical Law and Ethics	3 3 3
<b>Interactive Marketing and Design</b>  <i>Cuyahoga Falls HS</i>	Digital Marketing and Mgmt. Marketing Principles Marketing Applications Integrated Mkt. Communications Optional Marketing Capstone	Kent State Kent State Tri-C Tri-C U of Akron	BMRT 11000 Intro to Business BMRT 11006 Business Computations VC&D XXXX VC&D Elective Course MARS XXXX MARS Elective Course	3 3 3 3
<b>International Business</b>  <i>Stow-Munroe Falls HS</i>	Marketing Principles Strategic Entrepreneurship <i>CTAG</i> Marketing Applications International Business	Kent State Kent State U of Akron U of Akron Stark State Stark State	BMRT 11000 Intro to Business BMRT 11006 Business Computations 2420.104 Intro to Business in a Global Environment 2520.101 Essentials of Marketing BUS1224 Business Analysis with Algebra ENT120 Entrepreneurship <i>CTAG</i>	3 3 3 3 3 3

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<b>IT Academy with CompTIA and CISCO</b>  <i>Cuyahoga Falls HS</i>	Info Technology Computer Software/Hardware Networking Cyber Security	Kent State Kent State Kent State Kent State U of Akron U of Akron U of Akron U of Akron U of Akron Stark State	IT 11000 Intro to Office Productivity Apps IT 11005 Intro to Operating Syst.&Networking IT 11006 Intro to Website Technology IT 12000 Intermediate Office Productivity App 2440:201 Networking Support CTAG 2440:202 Router and Routing Basics CTAG 2440:203 Switching Basics and Wireless CTAG 2440:204 WAN Technologies CTAG 2240:247 Hardware Support A+ Certification CTAG CIS126 Fundamentals of Info Systems	3 3 3 3 3 3 3 3 3 3
<b>Marketing Management</b>  <i>Roosevelt HS</i>	Marketing Principles Marketing Applications Professional & Technical Sales Strategic Entrepreneurship CTAG Optional Marketing Capstone	Kent State Kent State U of Akron U of Akron U of Akron U of Akron U of Akron Stark State Stark State	BMRT 11000 Intro to Business BMRT 11006 Business Computations 2440:105 Intro. Computer Appli. Software (Bridge) 2420:104 Intro. To Bus. In an Global Environ. 2520:101 Essentials of Marketing Technology 2520:203 Principles of Advertising 2520:212 Principles of Sales BUS124 Business Analysis with Algebra ENT120 Entrepreneurship	3 3 3 3 3 3 3 3 3
<b>Programming and Software Development</b>  <i>Stow-Munroe Falls HS</i>	Computer Logic & IT Fundamentals CTAG Object Oriented Programming Web Development CTAG Database Application Development	Kent State Kent State Kent State Kent State CTAG @ UA	IT 11000 Intro. to Office Productivity Apps IT 11005 Intro. to Operating Syst. & Network IT 11006 Intro to Website Technology IT 12000 Intermediate Office Productivity Apps 2440:121 Intro. to Logic	3 3 3 3 3
<b>Teaching Professions</b>  <i>Roosevelt HS</i>	Educational Principles Curriculum and Instruction CTAG Classroom Management Education and Training Capstone	Ashland U of Akron CTAG	EDCI 232 Intro. to Principles of Instructional Tech. 5100:20 Intro to Education	3 3
<b>Theater Arts Academy</b>  <i>Tallmadge HS</i>	Acting & Script Analysis CTAG Stagecraft CTAG Design & Construction CTAG Acting Performance	Kent State Kent State Kent State Kent State Kent State  Kent State U of Akron U of Akron CTAG	THEA 11100 Making Theatre Culture & Pract. THEA 11303 The Art of Acting THEA 11722, 11723, 11724 Fund. of Prod. I THEA 11732, 11733, 11734 Fund. of Prod. II THEA 21700 or THEA 22192 Movement I or Practicum I THEA 22192 Practicum I: Performance 7800:100 Experiencing Theatre 7800:170 Introduction to Acting for Non-Majors	2 3 4 4 3  3 3 3