

## College Tech Prep courses and University credit information

College Tech Prep Program	Four High School Courses	University Partner	Possible College Courses	Possible College Credit
<b>Aeronautics Careers Academy</b>	Aviation Airport Management	Kent State	AERN 15745 Non Pilot Elements of Flight Theory	3
	Aviation Meteorology	Kent State	AERN 25250 Elements of Aviation Weather	3
	Aviation Pilot Training	Kent State	AERN 15000 Introduction to Aeronautics	3
Stow-Munroe Falls HS	Aviation Air Traffic Control	CTAG		
<b>Athletic Health Care and Fitness</b>	Human Anatomy/Physiology	U of Akron	5540:126 Fitness and Wellness	1
	Medical Terminology	U of Akron	5550:150 Concepts of Health and Fitness	3
	Exercise/Athletic Training	U of Akron	2470:120 Medical Terminology	3
	Fitness Evaluation Assessment	U of Akron	5570:101 Personal Health	2
	Capstone	Kent State	ATTR 25036 Principles of Athletic Training	3
Roosevelt HS		CTAG		
<b>Auto Specialization</b>				
Hudson HS				
<b>Automotive Technologies</b>	Ground transportation Maintenance	U of Akron	Technical Block	30 hrs.
	Automotive Engine Performance	Tri-C	AUTO 1450 Auto. Braking Syst. (Pass Final HS Exam)	3
	Auto Braking, Suspen./Steering Syst	Tri-C	CTAG	3
Cuyahoga Falls HS	Ground Transport. Elect. Electronics	Stark State	AUT121 Auto Technical Skills	2
Hudson HS		Stark State	AUT122 Automotive System and Engine Tech	4
<b>Biomedical Science and Technology Academy</b>	Principles/Practices of Biotech	U of Akron	4800:101 Tools for BME	3
	Bioengineering Tools	U of Akron	4800:111 Intro to BME Design	3
	Biomedical Engineering			
	Biotech for Health/Disease			
Woodridge HS	Anatomy/Physiology			
<b>Business/Marketing Pathway</b>	Business Foundations	U of Akron	2420:103 Essentials of Management Technology	3
	Marketing Applications	U of Akron	2420:104 Intro to Business in Global Environment	3
	Professional and Technical Sales	Kent State	BMRT 11000 Intro to Business	3
	Strategic Entrepreneurship	Kent State	BMRT 11006 Business Computations	3
Tallmadge HS		Stark State	ENT 120 Entrepreneurship	3
<b>Business Pathways: Skills for Success</b>	Business Foundations	U of Akron	2420:103 Essentials of Management Technology	3
	Fund. of Business Admin. Serv.	U of Akron	2420:104 Intro to Business in a Global Environment	3
	Strategic Entrepreneurship	Kent State	BMRT 11000 Intro to Business	3
	Financial Accounting	Kent State	BMRT 21011 Fundamentals of Financial Mgmt.	3
	Management Principles			
Cuyahoga Falls HS	Office Management			
<b>Business and Sports Management</b>	Business Principles	Kent State	BMRT 11000 Intro to Business	3
	Human Resources & Personnel	Kent State	BMRT 11006 Business Computations	3
	Business & Sports Services	U of Akron	2420:103 Essentials of Management Technology	3
	Business & Sports Foundation	U of Akron	2420:104 Intro to Business in a Global Environment	3
Roosevelt HS	Bus. & Sports Mgmt. Capstone			

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<b>Collision Repair/ Auto Refinishing</b>	Coll. Nonstructural Inspect./Repair	Stark State	AUT121 Auto Technical Skills	2
	Collision Repainting & Refinishing	Stark State	AUT122 Automotive System and Engine Tech	
	Coll. Structural Inspect./Repair	U of Akron	Technical Block	30 Hrs.
Woodridge HS	Coll. Elect. & Mechanical Syst.			
<b>Computer-Aided Design &amp; Engineering Technologies (CADET)</b>	Manufacturing Operations	Kent State	MERT 12000 Engineering Drawing	3
	Engineering Design	U of Akron	2880:210 Computer Aided Drawing I	3
	Machine Tools	U of Akron	2880:100 Manufacturing Processes	3
	CNC Tech & Lathes	U of Akron	2880:151 Industrial Safety & Environ. Protection	2
	CADET II Capstone	U of Akron	2880:201 Robotics and Automated Manufacturing	3
Roosevelt HS		CTAG		
<b>Construction Technologies</b>	Construction Safety	Kent State	CMGT 11044 Construction Safety	3
	Structural Systems	Kent State	CMFT 31015 Construction Technology	3
	Construction Technology	U of Akron	2990:131 Building Construction	2
	Structural Coverings & Systems	U of Akron	2990:150 Plan Reading	2
		U of Akron	2990:356 Safety in Construction	3
		Stark State	MST 131 Blueprint Reading	2
Roosevelt HS		Stark State	CST 237 Interpreting Construction Documents	3
<b>Cosmetology</b>	Microbiology & Infection Control	Kent State	TRAN1X Technical Hours	30 Hrs.
	Fund. of Hair Cutting and Styling	U of Akron	Technical Block	30 Hrs.
	Fund. of Chemical Services			
Cuyahoga Falls HS	Skin Care Fund. and Enhancements			
Roosevelt HS	Tricology			
<b>Culinary Arts</b>	Fundamentals of Food Production		FNUT 1553 Food Science & Management Principles	3
	Hospitality Fundamentals	U of Akron	2280:121 Fundamentals of Food Prep I	4
	Baking and Pastry Arts	U of Akron	2280:120 Safety and Sanitation	2
	Dining Rm. Services & Operations	U of Akron	2280:232 Dining Room Service and Training	3
Stow-Munroe Falls HS		CTAG		
<b>Criminal Justice</b>	American Criminal Justice System		To Be Determined	
	Investigations and Forensics in Criminal Justice System			
	Homeland Security			
	Security and Protective Services			
Cuyahoga Falls HS	Capstone	CTAG		
<b>Early Childhood Professions</b>	Curriculum and Instruction E.C. Ed	Kent State	ECET 21010 Infant/Toddler Curriculum & Services	3
	Early Childhood Education Principles	U of Akron	Technical Block	30 Hrs.
	Classroom Management	Stark State	EDU123 Health and Nutrition	3
	Health/Safety and Nutrition		CHFM 1514 Introduction to Early Childhood	3
Tallmadge HS		CTAG		
<b>Electronics, Robotics and Programming</b>	DC and AC Circuits	Kent State	EERT 12000 Electric Circuits I	4
	Digital Electronics	Kent State	EERT 12010 Intro to Electronics	4
	Analog Based Electronic Devices	U of Akron	2860:120 Circuit Fundamentals	4
	Robotics	U of Akron	2860:237 Digital Circuits	4
Roosevelt HS		U of Akron	2870:301 Computer Controls of Automated Systems	3

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<b>Engineering Academy</b>	Manufacturing Operation	Kent State	<i>Electrical Engineering Concentration @ HS:</i>	
	Engineering Design	Kent State	EERT 22004 Digital Systems	4
	Engineering Principles	Kent State	<i>Mechanical Engineering Concentration@ HS:</i>	
	Digital Electronics	Kent State	MERT 12000 Engineering Drawing	3
		Kent State	MERT 12001 Computer Aided Drafting	3
		U of Akron	2880:110 Manufacturing Processes	3
		U of Akron	2879:348 CNC Programming	3
		U of Akron	2940:210 Computer Aided Drawing I	3
Roosevelt HS		U of Akron	2860:237 Digital Circuits	4
Stow-Munroe Falls HS		CTAG		
<b>Forestry and Landscape Management</b>	Plant and Horticulture Science	Kent State	HORT 16001 Intro to Horticulture	1
	Urban Forestry	Kent State	HORT 26020 Landscape Management	3
	Landscape Design	Kent State	HORT 26011 Coop. Work Experience in Tree Care	3
	Turf Science and Management	Tri-C	PST 1351 Plant Production	3
	Forestry and LM Capstone Opt.	Tri-C	PST 1420 Landscape Practices	3
		Hocking Col.	BIOS 1101 Environmental Science	3
		Hocking Col.	LAND 1210 Turf Management and Irrigation	3
Roosevelt HS		Hocking Col.	LAND 2220 Intergrated Plant Management	3
<b>Health Careers Technologies</b>	Principles of Allied Health	U of Akron	2740:120 Medical Terminology	3
	Human Anatomy & Physiology	Youngstown	MATC 2610 Introduction to Disease Processes	3
	Patient Center Care	Youngstown	MATC 1502 Medical Law and Ethics	3
	Medical Terminology	CTAG		
Roosevelt HS	HCT I and II Capstone Option			
<b>Interactive Marketing and Design</b>	Digital Marketing and Management	Kent State	BMRT 11000 Intro to Business	3
	Marketing Principles	Kent State	BMRT 11006 Business Computations	3
	Marketing Applications	Tri-C	VC&D XXXX VC&D Elective Course	3
	Integrated Marketing Communications	Tri-C	MARS XXXX MARS Elective Course	3
Cuyahoga Falls HS	Optional Marketing Capstone			
<b>International Business</b>	Marketing Principles	Kent State	BMRT 11000 Intro to Business	3
	Strategic Entrepreneurship	Kent State	BMRT 11006 Business Computations	3
	Marketing Applications	U of Akron	6100:101 Global Business Concepts & Practices	3
	International Business	U of Akron	3250:200 Principles of Microeconomics	3
		Stark State	BUS1224 Business Analysis with Algebra	3
		Stark State	ENT120 Entrepreneurship	3
Stow-Munroe Falls HS		Ashland		

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<b>IT Academy with CompTIA and CISCO</b>	Computer Hardware	Kent State	COMT 11000 Intro. to Computer Systems	3
	Computer Software	Kent State	COMT 11005 Intro. to Operating Syst. & Netwk.	3
	Networking	Kent State	COMT 11006 Intro. to Website Technology	3
	Routing and Switching	Kent State	COMIT 1200 Personal Productivity Software	3
		U of Akron	2400:xxx Technical Elective	3
		U of Akron	2440:247 Hardware Support	3
		U of Akron	2600:240 Desktop Environment	3
	U of Akron	2600:242 Microsoft Newworking II	3	
<b>Cuyahoga Falls HS</b>		Stark State	CIS126 Fundamentals of Info Systems	3
<b>Marketing Management</b>	Marketing Principles	Kent State	BMRT 11000 Intro to Business	3
	Marketing Applications	Kent State	BMRT 11006 Business Computations	3
	Professional & Technical Sales	U of Akron	2440:105 Intro. Cmpt. Appli. Software (Bridge)	3
	Strategic Entrepreneurship	U of Akron	2420:104 Intro to Bus. in a Global Environment	3
	Optional Marketing Capstone	U of Akron	2520:101 Essentials of Marketing Technology	3
		U of Akron	2520:203 Principles of Advertising	3
		U of Akron	2520:212 Priniciples of Sales	3
	Stark State	BUS124 Business Analysis with Algebra	3	
<b>Roosevelt HS</b>		Stark State	ENT120 Entrepreneurship	3
<b>Programming and Software Development</b>	Programming and Information Technology	Kent State	COMT 11000 Intro. to Computer Systems	3
	Web Development	Kent State	COMT 11005 Intro. to Operating Syst. & Networking	3
	Object Oriented Programming	Kent State	COMT 11006 Intro. to Website Technology	3
	Interactive Application Development	Kent State	COMT 1200 Personal Productivity Software	3
		CTAG @ UA	2440:121 Intro. to Logic	3
<b>Stow-Munroe Falls HS</b>				
<b>Teaching Professions</b>	Educational Principles	Ashland	EDCI 232 Intro. to Principles of Instructional Tech.	3
	Curriculum and Instruction	U of Akron	5100:20 Intro. to Education	3
	Classroom Management	CTAG		
<b>Roosevelt HS</b>	Ed. and Training Capstone			
<b>Theater Arts Academy</b>	Performing Arts Primer	Kent State	THEA 11100 Making Theatre Culture and Practice	2
	Acting & Script Analysis	Kent State	THEA 11303 The Art of Acting	3
	Stagecraft	Kent State	THEA 11722, 11723, 11724 Fund. Of Production I	4
	Stage Design and Construction	Kent State	THEA 11732, 11733, 11734 Fund. Of Production II	4
	Acting Performance	Kent State	THEA 21700 or THEA 22192 Movement I or Practicum I	3
	Costuming and Makeup	Kent State	THEA 22192 Practicum I: Performance	3
		U of Akron	7800:100 Experiencing Theatre	3
<b>Tallmadge HS</b>		U of Akron	7800:170 Introduction to Acting for Non-Majors	3