

UCS Career and Technical Education Pathway

Architecture and Construction Trades potential course progression

7 (Optional)	8 (Optional)	9 (Optional)	10	11	12
Exploratory Design & Engineering I	Exploratory Design & Engineering II*	--	CTE Architecture I	CTE Architecture II	CTE Advanced Architecture (2 Hr) OR/AND CTE Architecture Capstone
	Exploratory Design & Engineering I	Exploratory Design & Engineering II			
	Exploratory Design & Engineering II*	--	--	CTE Architecture I	CTE Architecture II
	Exploratory Design & Engineering I	Exploratory Design & Engineering II	--		
	Exploratory Design & Engineering II*	--	--	--	CTE Architecture I
	Exploratory Design & Engineering I	Exploratory Design & Engineering II	--	--	
	Wood 8	Intro to Construction Trade Or Woodworking	Construction Trade 2 Hour class	Construction Trade Capstone 1	Construction Trade Capstone 2
				Construction Trade Capstone 2	Construction Trade Capstone 1
			--	Construction Trade 2 Hour class	Construction Trade Capstone 1 OR/AND Construction Trade Capstone 2
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* Courses taken at the Junior High are not requirements for High School CTE courses

* Students could take Exploratory Design & Engineering I & II in 8th Grade concurrently. Second-course enrollment is dependent upon successfully passing the first course.

* Utica High and Stevenson students will have access to the construction trades through shared time access

School to Work is available for students concurrently enrolled in or achieved completer status in the Architecture and Construction Trades courses

All courses can only be taken once

Utica Community Schools non-discrimination policy can be found at www.Uticak12.org/NonDiscriminationPolicy

UCS Career and Technical Education Pathway

Automotive and Small Engine potential course progression

7 (Optional)	8 (Optional)	9 Henry Ford	10	11	12
Exploratory Design & Engineering I	Exploratory Design & Engineering I or Exploratory Design & Engineering I & II	--	CTE Auto 1	CTE Advanced Auto (2 Hr)	Advanced Automotive Technologies Capstone
		--	--	CTE Auto 1	CTE Advanced Auto (2 Hr) OR/AND Advanced Automotive Technologies Capstone
		--	--	--	CTE Auto 1
Exploratory Design & Engineering I	Exploratory Design & Engineering I or Exploratory Design & Engineering I & II	CTE Small Engine Repair (Taken only once)			CTE Advanced Small Engine Repair (2 Hr)
		--	--	--	CTE Small Engine Repair

* Courses taken at the Junior High are not requirements for High School CTE courses

* Small Engine is a shared time program for student not at Henry Ford

* Utica High students will have access to this pathway through shared time access

School to Work is available for students concurrently enrolled in or achieved completer status in the Automotive and Small Engine courses

All courses can only be taken once

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UCS Career and Technical Education Pathway

Business, Finance and Marketing potential course progression

9 (Optional)	10	11	12
General Business (1/2 Credit)	CTE Microsoft Office (only take once)		
General Business (1/2 Credit)	Finance (1/2 Credit)		
		CTE Accounting I	CTE Accounting II
			CTE Accounting I
General Business (1/2 Credit)	CTE Introduction to Marketing	CTE Advanced Marketing	CTE School Store Operations
	CTE Introduction to Marketing	CTE Advanced Marketing OR/AND School Store Operations OR/AND Small Business/ Specialty Marketing	
		CTE Introduction to Marketing	CTE Advanced Marketing OR/AND Small Business/ Specialty Marketing
			CTE Introduction to Marketing

* Courses taken at the Junior High are not requirements for High School CTE courses

School to Work is available for students concurrently enrolled in or achieved completer status in the Business, Finance and Marketing courses

All courses can only be taken once

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UCS Career and Technical Education Pathway

Computer Science and Information Technology potential course progression

7 (Optional)	8 (optional)	9	10	11	12
Computer Science Discoveries I	Computer Science Discoveries I Or Computer Science Discoveries I & II	CTE AP Computer Science Principles (Only taken once)	CTE AP Computer Science Principles	CTE Computer Science I & II	CTE AP Computer Science A
			CTE Computer Science I & II	CTE AP Computer Science A	--
			--	CTE AP Computer Science Principles	CTE AP Computer Science A
			--	CTE Computer Science I & II	CTE Computer Science I & II
			--	--	CTE AP Computer Science Principles OR/AND CTE Computer Science I & II
Computer Science Discoveries I	Computer Science Discoveries I OR Computer Science Discoveries I & II	AP Computer Science Principles	CTE Web Page Development I		CTE Web Page Development II
Computer Science Discoveries I	Computer Science Discoveries I OR Computer Science Discoveries I & II	AP Computer Science Principles	CTE Cybersecurity (Taken only once) OR/AND CTE Networking and Repair		

* Courses taken at the Junior High are not requirements for High School CTE courses

School to Work is available for students concurrently enrolled in or achieved completer status in the
Computer Science courses

All courses can only be taken once

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UCS Career and Technical Education Pathway

Design and Engineering potential course progression

7 (Optional)	8 (optional)	9	10	11	12
Exploratory Design & Engineering I	Exploratory Design & Engineering II*	--	CTE Design & Engineering I	CTE Design & Engineering II	CTE Advanced Design & Engineering (2 HR) OR/AND Design & Engineering - Capstone
	Exploratory Design & Engineering I	Exploratory Design & Engineering II			
	Exploratory Design & Engineering II*	--	--	CTE Design & Engineering I	CTE Design & Engineering II
	Exploratory Design & Engineering I	Exploratory Design & Engineering II	--		
	Exploratory Design & Engineering II*	--	--		CTE Design & Engineering I
	Exploratory Design & Engineering I	Exploratory Design & Engineering II	--		

* Courses taken at the Junior High are not requirements for High School CTE courses

* Students could take Exploratory Design & Engineering I & II in 8th Grade concurrently. Second-course enrollment is dependent upon successfully passing the first course.

School to Work is available for students concurrently enrolled in or achieved completer status in the Design and Engineering courses

All courses can only be taken once

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UCS Career and Technical Education Pathway

Education and Family Consumer Sciences potential course progression

7 (Optional)	8 (Optional)	9	10	11	12
Family Consumer Sciences courses					
--	Exploring Life Skills	Life Skills 9	Consumer Education (1/2 CR) or Contemporary Living (1/2 CR) or Career Connections (1/2 CR) or Food and Nutrition (1/2 CR)		
Education Courses					
--	Exploring Life Skills	Life Skills 9	CTE Child Development - early childhood (1/2 CR) AND CTE Child Development - School aged (1/2 CR)		
--			--	Future Educators I (2 HR block)	Future Educators II (2 HR block)

* Courses taken at the Junior High are not requirements for High School CTE courses

School to Work is available for students concurrently enrolled in or achieved completer status in the education courses

All courses can only be taken once

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UCS Career and Technical Education Pathway

Medical Health Science potential course progression

9 Henry Ford Only	10	11	12
CTE Medical Science I	CTE Medical Science II	CTE Nursing Assistant	CTE Sports Medicine (1/2 CR)
	CTE Medical Science I	CTE Medical Science II	CTE Nursing Assistant or/and CTE Sports Medicine
		CTE Medical Science I	CTE Medical Science II or/and Nursing Assistant or/and Sports Medicine
			CTE Medical Science I

School to Work is available for students concurrently enrolled in or achieved completer status in the Medical Science courses

All courses can only be taken once

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UCS Career and Technical Education Pathway		
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Welding potential course progression		
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CTE Welding is offered only to Stevenson High School or Dual Enrollment at MCC with transportation		
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School to Work is available for students concurrently enrolled in or achieved completer status in the Welding courses

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UCS Career and Technical Education Pathway

Woodworking potential course progression

8 (Optional)	9 Jr. High	9 Henry Ford only	10	11	12
Wood 8	Woodworking Or Intro to Construction Trade	CTE Woodworking	CTE Furniture & Cabinet Construction or CTE Advanced Woodworking or CTE Advanced Woodworking Capstone		
		--	CTE Woodworking	CTE Furniture & Cabinet Construction OR/AND CTE Advanced Woodworking OR/AND CTE Advanced Woodworking Capstone	

- * Courses taken at the Junior High are not requirements for High School CTE courses
- * Utica High and Stevenson students will have access to these courses through shared time
- * Courses after CTE woodworking can be taken concurrently

School to Work is available for students concurrently enrolled in or achieved completer status in the Woodworking courses

All courses can only be taken once

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