

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*	--	Architecture I	Architecture II	Architecture Capstone
	Exploratory Design & Engineering I	Exploratory Design & Engineering II			
	Exploratory Design & Engineering II*	--	--	CTE Architecture 2 Hour class	Architecture Capstone
	Exploratory Design & Engineering I	Exploratory Design & Engineering II	--		
	Exploratory Design & Engineering II*	--	--	--	CTE Architecture 2 Hour class
	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 Capstone 1	Construction Trade Capstone 2
				Construction Trade Capstone 2	Construction Trade Capstone 1
			--	Construction Trade 2 Hour class	Construction Trade Capstone 1 AND Construction Trade Capstone 2
			--		

* 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 only	10	11	12
Exploratory Design & Engineering I	Exploratory Design & Engineering I or Exploratory Design & Engineering I & II	--	Auto 1	CTE Auto	Advanced Automotive Technologies Capstone
		--	--	Auto 1	CTE Auto or Advanced Automotive Technologies Capstone
		--	--	--	Auto 1
Exploratory Design & Engineering I	Exploratory Design & Engineering I or Exploratory Design & Engineering I & II	Small Engine Repair (Taken only once)			CTE Small Engine
		--	--	--	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)	MS Office (only take once)		
General Business (1/2 Credit)	Finance (1/2 Credit)		
		Accounting I	Accounting II
			Accounting I
General Business (1/2 Credit)	Introduction to Marketing	Advanced Marketing	School Store Operations
	Introduction to Marketing	Advanced Marketing Or School Store Operations Or Small Business/ Specialty Marketing	
		Introduction to Marketing	Advanced Marketing or Small Business/ Specialty Marketing
			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	AP Computer Science Principles Or Introduction to Computer Science	AP Computer Science Principles	Computer Science I & II	AP Computer Science A
			Computer Science I & II	AP Computer Science A	--
			--	AP Computer Science Principles	AP Computer Science A
			--		Computer Science I & II
			--	Computer Science I & II	AP Computer Science A
			--	--	AP Computer Science Principles or Computer Science I & II
Computer Science Discoveries I	Computer Science Discoveries I OR Computer Science Discoveries I & II	AP Computer Science Principles Or Introduction to Computer Science	Web Page Development I		Web Page Development II
Computer Science Discoveries I	Computer Science Discoveries I OR Computer Science Discoveries I & II	AP Computer Science Principles Or Introduction to Computer Science	Cybersecurity (Taken only once)		

* 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*	--	Design & Engineering I	Design & Engineering II	Design & Engineering - Capstone
	Exploratory Design & Engineering I	Exploratory Design & Engineering II			
	Exploratory Design & Engineering II*	--	--	CTE Design & Engineering (2 hour class)	Design & Engineering - Capstone
	Exploratory Design & Engineering I	Exploratory Design & Engineering II	--		
	Exploratory Design & Engineering II*	--	--	Design & Engineering I	Design & Engineering II
	Exploratory Design & Engineering I	Exploratory Design & Engineering II	--	--	CTE Design & Engineering (2 hour class)

* 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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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	Child Development (1/2 CR) or Exploring Education and Human Services (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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Medical Health Science potential course progression

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

Welding potential course progression

10

11

12

Welding is offered only to Stevenson High School
or
Dual Enrollment

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

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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 CTE Advanced Woodworking or 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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