

Senior Year Mathematics Course and Senior Math-Related Experience

The Michigan Merit Curriculum requires all students, beginning with the Class of 2011, to successfully complete:

- Geometry
- Algebra I
- Algebra II

In addition, all students in their senior year must successfully complete a

- Mathematics course or a
- Senior Math-Related Experience

Studies show students taking four years of **challenging** math including Algebra I, Geometry, Algebra II, and one additional **higher-level course** are more likely to succeed in college and the workplace.

The Utica Community Schools has determined many courses which qualify for the Senior Math-Related Experience. These courses, if completed successfully:

- Allow a wide range of options for all students
- Will satisfy the Michigan Merit Curriculum requirement for a 4th credit in a Senior Math-Related Experience

Students electing a Senior Math-Related Experience:

- May wish to enter the work force immediately after high school
- May be interested in attending a technical school
- May wish to pursue a field that does not have a heavy emphasis in mathematics
- Should prepare students to take an entry level math course in college, should they choose to pursue a 2-year college degree after high school

UCS Senior Math-Related Experience Course Offerings

Art Department

L014	AP Studio Art 2-D Design
L015	AP Studio Art 3-D Design
L016	AP Drawing
L550	Multi-Media
V540	CTE Visual Technology
L030	Sculpture I
L050	Sculpture II
L040	Drawing/Painting I
L060	Drawing/Painting II
L065	Portfolio Prep: Drawing and Painting
L066	Portfolio Prep: Sculpture

Math Department

Any math course listed in the UCS Math Department's Course Curriculum Guide will satisfy the senior level math-related experience requirement. Students may not retake a course for which they have already received credit prior to their senior year.

Science Department

D160	AP Chemistry
D210	Physics
D830	AP Physics 1 – Algebra Based
D235	AP Physics C

Theatre Department

B980	Stagecraft
B985	Advanced Stagecraft

Special Education Department

S100	Transition Skills
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UCS Center for Science and Industry

THV462	CSI Engineering Technology II
THV525	CSI Mechatronics I
THV526	CSI Mechatronics II
THV550	CSI Multimedia Production I
THV552	CSI Multimedia Production II

Stevenson Manufacturing, Automation and Design Engineering

SMV725	Fabrication II
SMV710	Automation I
SMV715	Automation II
SMV610	Design & Engineering I
SMV615	Design & Engineering II

Career and Technical Education Department

Architecture and Construction Trades

V400	Construction Trades
V800	Construction Trades Capstone I
V810	Construction Trades Capstone II
V650	Architecture I-CAD
V660	Architecture II-CAD
V670	Architecture Capstone
V510	CTE Architect CAD (2 hr. class)

Automotive and Small Engines

V435	Auto I
V440	CTE Auto (2 hr. block)
V445	Advanced Automotive Technologies
V485	Small Engine Repair I
V490	CTE Small Engine Repair

Business, Finance, and Marketing

V130	Accounting I
V135	Accounting II
V150	Marketing I (<i>Introduction to Marketing</i>)
V160	Marketing II (<i>Advanced Marketing</i>)
V245	MS Office
G135	Finance

Computer Science and Information Technology

V250	Web Page Development I
V260	Web Page Development II

Any Computer Science Course Listed in the Computer Science and Information Technology Curriculum Guide

Design Engineering

V500	CTE Design & Engineering CAD (2 hr. block)
V610	Design & Engineering I-CAD
V620	Design & Engineering II-CAD
V630	Design & Engineering Capstone

Education and Family Consumer Science

V240	Consumer Education
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Medical Health Science

V030	Nursing Assistant
V040	Medical Science I
V050	Medical Science II