

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

L014	AP Studio Art 2-D Design
L015	AP Studio Art 3-D Design
L550	Multi-Media
V540	CTE Visual Technology

Business

V130	Accounting I
V135	Accounting II
V150	Marketing I
V160	Marketing II
V245	MS Office
V250	Web Page Development I
V260	Web Page Development II

CSI

THV460	CSI Engineering Technology I
THV462	CSI Engineering Technology II
THV525	CSI Mechatronics I
THV526	CSI Mechatronics II
THV550	CSI Multimedia Production I
THV552	CSI Multimedia Production II

Medical Health Sciences

V040	Medical Science I
V050	Medical Science II
V030	Nursing Assistant

Industrial Technology

I070	Auto I
V440	CTE Auto (2 hr. block)
I090	Small Engine Repair I
V490	CTE Small Engine Repair
V430	CTE Welding II
V400	CTE Construction Trades
V500	CTE Design & Engineering CAD (2 hr. block)
V510	CTE Architect CAD (2 hr. block)
V610	Design & Engineering I-CAD
V620	Design & Engineering II-CAD
V630	Design & Engineering Capstone
V650	Architecture I-CAD
V660	Architecture II-CAD
V670	Architecture Capstone

Science Department

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

Special Education

S100	Independent Study
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Theatre

B980	Stagecraft
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Semester courses (.5 credit) that count toward the Senior Math-Related Experience:

Business

G135	Finance
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Family and Consumer Science

V240	Consumer Education
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ART

L030	Sculpture I
L050	Sculpture II
L040	Drawing/Painting I
L060	Drawing/Painting II
L065	Portfolio Prep: Drawing and Painting
L066	Portfolio Prep: Sculpture

Marketing II will include 19 Probability and Statistics HSCE.

This course, in partnership with **Algebra II Extended A & B**, will satisfy the 64 HSCEs necessary for graduation.

Math Department

Any math or computer science 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.