

## AP (Advanced Placement) Courses

AP ART				
Course #	Course Title	Credits	Prerequisites	Offered
T6094F	AP Art History, part 1, Tonka Online	.5	None	10-12
T6096W	AP Art History, part 2, Tonka Online	.5		
AP602	AP Studio Art, S1	1.0	Successful completion of two or more semesters of art; Drawing highly recommended	11-12
AP603	AP Studio Art, S2			
AP COMPUTER SCIENCE				
Course #	Course Title	Credits	Prerequisites	Offered
AP650	AP Computer Science A, S1	.5	AP Computer Science Principles strongly recommended, or prior coding experience; B or better in Higher Algebra, Higher Algebra Honors, or Instructor's permission	9-12
AP652	AP Computer Science A, S2	.5		
AP654	AP Computer Science Principles, S1	.5	C or better in Algebra; Introduction to Computer Science is recommended but not required	9-12
AP656	AP Computer Science Principles, S2	.5		
T6500F	AP Computer Science Principles, part 1, Tonka Online	.5		
T6502W	AP Computer Science Principles, part 2, Tonka Online	.5		
AP ENGLISH				
Course #	Course Title	Credits	Prerequisites	Offered
AP100	AP Language and Composition 10, S1	0.5	Any English 10 Course	10
AP101	AP Language and Composition 10, S2	0.5		
AP102	AP Literature and Composition, S1	.5	Any English 10 Course	11-12
AP103	AP Literature and Composition, S2	.5		
AP104	AP Language & Composition 12	.5	Any English 11 Course	12
T1100	AP Language & Composition 12, Tonka Online Select Term: T1100S / T1100F / T1100W	.5		
AP107	AP Seminar, S1	.5	Any English 10 or 11 Course	11-12
AP108	AP Seminar, S2	.5		
V102	AP Seminar, part of VANTAGE Global Business	1.0	Any English 10 or 11 Course	11-12

## AP (Advanced Placement) Courses

AP105 AP106	AP Research	1.0	AP Seminar (either AP107/AP108 or VANTAGE V102)	12
<b>AP MATH</b>				
Course #	Course Title	Credits	Prerequisites	Offered
T7206S	Pre-AP Calculus, summer only, Tonka Online	.5	Successful completion of Precalculus	9-12
AP400 AP402 T4100 T4102	AP Statistics, S1 AP Statistics, S2 AP Statistics, part 1, Tonka Online Select Term: T4100F / T4100W AP Statistics, part 2, Tonka Online Select Term: T4102F / T4102W	.5 .5 .5 .5	Successful completion of Math Studies; Functions, Stats & Trig, Precalculus; Tonka Online FST Pre-AP Stats Prep; or teacher recommendation. This course may also be taken through VANTAGE course #V100 (Gr 11-12)	10-12
AP404 AP406	AP Calculus AB, S1 AP Calculus AB, S2	.5	C or better in Precalculus, Precalculus Honors or Calculus	10-12
AP408 AP410	AP Calculus BC, S1 AP Calculus BC, S2	.5 .5	C or better in AP Calculus AB or B+ or better in Calculus.	10-12
<b>AP MUSIC</b>				
Course #	Course Title	Credits	Prerequisites	Offered
AP660	AP Music Theory	.5	A or B in Theory 1 or pretest/application prior to registration	10-12
<b>AP SCIENCE</b>				
Course #	Course Title	Credits	Prerequisites	Offered
T7202S	Pre-AP Chemistry, summer, Tonka Online	.5	Students should be registered for AP Chemistry in the fall; this is an optional course for preceding summer, elective credit	9-12
AP304 AP306	AP Chemistry, S1 AP Chemistry, S2	.5 .5	A or B in Physical Science Honors with teacher recommendation and A or B in Higher Algebra	10-12
T3100F T3102W	AP Environmental Science, part 1, Tonka Online AP Environmental Science, part 2, Tonka Online	.5 .5	Chemistry, Physical Science. This course may also be taken through VANTAGE course #V300	11-12

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AP300 AP302	AP Physics 1 – grade 9, S1 AP Physics 1 – grade 9, S2	.5 .5	8th grade Physical Science at MME/MMW, Higher Algebra, and 99th percentile math & reading scores	9
T7204S	Pre-AP Biology, summer only, Tonka Online	.5	Students should be registered for AP Biology in the fall; this is an optional course for preceding summer, elective credit	10-11
AP320 AP322	AP Biology, S1 AP Biology, S2	.5 .5	Physical Science and Chemistry	11-12
AP328 AP330 T3104W	AP Physics C-Mechanics, S1 AP Physics C-Mechanics, S2 AP Physics C-Mechanics, winter, Tonka Online	.5 .5 .5	Physical Science, Calculus (completed or concurrent) <b>For Tonka Online option:</b> Have completed or be enrolled in both AP Physics 1 AND a calculus course before or while taking AP Physics C-Mechanics Online.	11-12 11-12 10-12
AP324 AP326	AP Physics C–Electricity and Magnetism with topics in Modern Physics, S1 AP Physics C–Electricity and Magnetism with topics in Modern Physics, S2	.5 .5	Calculus course and AP Physics 1 (or another physics course with teacher recommendation). AP Physics C-Mechanics Online is highly recommended but not required.	11-12 11-12
<b>AP SOCIAL STUDIES</b>				
Course #	Course Title	Credits	Prerequisites	Offered
AP200 AP202	AP Human Geography, S1 AP Human Geography, S2	.5 .5	B+ or better in 8th grade English and Social Studies; Year-long course.	9 9
AP204 AP206	AP U.S. History, S1 AP U.S. History, S2	.5 .5	Human Geography and Civics; AP Human Geography	10 10
AP208 AP210 T2112F T2114W	AP European History, S1 AP European History, S2 AP European History, part 1, Tonka Online AP European History, part 2, Tonka Online	.5 .5	Contemporary US Hist, AP U.S. History; American Studies 10 Honors (B or better)	11 11
AP224 AP225 T2102F T2104W	AP World History, S1 AP World History, S2 AP World History, part 1, Tonka Online AP World History, part 2, Tonka Online	.5 .5 .5 .5	Contemporary U.S. History; AP U.S. History; American Studies 10 Honors (grade B or better)	11-12

## AP (Advanced Placement) Courses

AP214	AP U.S. Government and Politics	.5	None	11-12
T2110	AP U.S. Government and Politics, Tonka Online	.5	None	
AP216	AP Comparative Government	.5	None	11-12
T2108S	AP Comparative Government, Tonka Online	.5		
AP218	AP Macroeconomics	.5	None	11-12
T2106	AP Macroeconomics, Tonka Online	.5		
AP220	AP Psychology	.5	None	11-12
T2100	AP Psychology, Tonka Online	.5		

### AP WORLD LANGUAGES

Course #	Course Title	Credits	Prerequisites	Offered
AP500	AP French V, S1	.5	French IV with permission from the instructor or IB French SL	12
AP502	AP French V, S2	.5		12
AP504	AP Spanish V Language & Culture, S1	.5	Spanish IV Honors	12
AP506	AP Spanish V Language & Culture, S2	.5		12
IM104	AP Chinese Language & Culture-IM, S1	.5	K-8 Chinese Immersion enrollment	9-10
IM106	AP Chinese Language & Culture-IM, S2	.5		
IM204	AP Spanish Language & Culture-IM, S1	.5	K-8 Spanish Immersion enrollment	9-10
IM206	AP Spanish Language & Culture-IM, S2	.5		

### VANTAGE: Minnetonka Advanced Professional Studies

Course #	Course Title	Credits	Prerequisites	Offered
V100	<b>Business Analytics</b> AP Statistics (math credit) and IB Business Management SL/HL (business elective)	2.0	Interest in business and/or statistics	11-12
V102	<b>Global Business</b> AP Microeconomics (social studies credit) AP Seminar (English credit) IB Business Management SL/HL (business elective)	3.0	Interest in global business	11-12
V300	<b>Global Sustainability</b> AP Environmental Science (science credit) Global Studies and Economics (social studies credit)	2.0	Biology G, AP Biology or IB Biology SL Interest in sustainability	11-12

## AP (Advanced Placement) Courses

V200	<b>Health Sciences</b> AP Psychology (social studies credit) Anatomy (science credit)	2.0	Physical science; algebra; interest in health sciences; chemistry strongly recommended.	11-12
V700	<b>Public Policy</b> AP Seminar (English Credit) CIS American Democracy in a Changing World	2.0	Interest in learning how public policy is created and influenced	11-12
V500	<b>User Experience (UX) Design</b> AP Computer Science Principles (computer science elective) Digital Interface Design (arts credit)	2.0	Interest in how applications and websites are designed and developed	10-12