

## AP (Advanced Placement) Courses

AP ART				
Course #	Course Title	Credits	Prerequisites	Offered
T6094F T6096W	AP Art History, part 1, Tonka Online AP Art History, part 2, Tonka Online	.5 .5	None	10-12
AP602 AP603	AP Studio Art, S1 AP Studio Art, S2	1.0	Successful completion of two or more semesters of art; Drawing highly recommended	11-12
AP COMPUTER SCIENCE				
Course #	Course Title	Credits	Prerequisites	Offered
AP650 AP652	AP Computer Science A, S1 AP Computer Science A, S2	.5 .5	C or better in Higher Algebra or Higher Algebra Honors. See "Computer Science" pathways for recommendations.	9-12
AP654 AP656 T6500F T6502W	AP Computer Science Principles, S1 AP Computer Science Principles, S2 AP Computer Science Principles, part 1, Tonka Online AP Computer Science Principles, part 2, Tonka Online	.5 .5 .5 .5	C or better in Algebra; Introduction to Computer Science is recommended but not required	9-12
AP ENGLISH				
Course #	Course Title	Credits	Prerequisites	Offered
AP100 AP101	AP Language and Composition 10, S1 AP Language and Composition 10, S2	0.5 0.5	Any English 10 Course	10
AP102 AP103	AP Literature and Composition, S1 AP Literature and Composition, S2	.5 .5	Any English 10 Course	11-12
AP104 T1100	AP Language & Composition 12 AP Language & Composition 12, Tonka Online Select Term: T1100S / T1100F / T1100W	.5 .5	Any English 11 Course	12
AP107 AP108	AP Seminar, S1 AP Seminar, S2	.5 .5	Any English 10 or 11 Course	11-12
V102	AP Seminar, part of VANTAGE Global Business	1.0	Any English 10 or 11 Course	11-12
AP105 AP106	AP Research	1.0	AP Seminar (either AP107/AP108 or VANTAGE V102)	12

## AP (Advanced Placement) Courses

AP MATH				
Course #	Course Title	Credits	Prerequisites	Offered
T7206S	Pre-AP Calculus, summer only, Tonka Online	.5	Successful completion of Precalculus	9-12
AP400	AP Statistics, S1	.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
AP402	AP Statistics, S2	.5		
T4100	AP Statistics, part 1, Tonka Online Select Term: T4100F / T4100W	.5		
T4102	AP Statistics, part 2, Tonka Online Select Term: T4102F / T4102W	.5		
AP404	AP Calculus AB, S1	.5	C or better in Precalculus, Precalculus Honors or Calculus	11-12
AP406	AP Calculus AB, S2			
AP408	AP Calculus BC, S1	.5	C or better in AP Calculus AB or B+ or better in Calculus.	11-12
AP410	AP Calculus BC, S2	.5		
AP MUSIC				
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
AP SCIENCE				
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	AP Chemistry, S1	.5	A or B in Physical Science Honors with teacher recommendation and A or B in Higher Algebra	10-12
AP306	AP Chemistry, S2	.5		
T3100F	AP Environmental Science, part 1, Tonka Online	.5	Chemistry, Physical Science. This course may also be taken through VANTAGE course #V300	11-12
T3102W	AP Environmental Science, part 2, Tonka Online	.5		
AP300	AP Physics 1 – grade 9, S1	.5	8th grade Physical Science at MME/MMW, Higher Algebra, and 99th percentile math & reading scores	9
AP302	AP Physics 1 – grade 9, S2	.5		

## AP (Advanced Placement) Courses

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 .5 .5	Contemporary US Hist, AP U.S. History; American Studies 10 Honors (B or better)	11 11 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 11-12 11-12 11-12
AP214 T2110	AP U.S. Government and Politics AP U.S. Government and Politics, Tonka Online	.5 .5	None None	11-12 11-12

## AP (Advanced Placement) Courses

AP216 T2108S	AP Comparative Government AP Comparative Government, Tonka Online	.5 .5	None	11-12
AP218 T2106	AP Macroeconomics AP Macroeconomics, Tonka Online	.5 .5	None	11-12
AP220 T2100	AP Psychology AP Psychology, Tonka Online	.5 .5	None	11-12

### AP WORLD LANGUAGES

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

### 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
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

## AP (Advanced Placement) Courses

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