



Mathematics Courses

CREDIT	COURSE	COURSE TITLE	PREREQUISITE	GRADE(S)
0.5	4000	Algebra of Lines, S1 ¹	Pre-Algebra or Linear Algebra	9-12
0.5	4002	Algebra of Lines, S2 ¹		9-12
0.5	4008	Algebra I L, S1 ¹	Successful completion of Pre-Algebra or Linear Algebra. S1 does not count toward math credit.	9-12
0.5	4010	Algebra I Q, S2		9-12
0.5	4004	Quadratic Algebra, S1	C or better in Algebra of Lines	9-12
0.5	4006	Quadratic Algebra, S2		9-12
0.5	T4004	Quadratic Algebra, part 1, Tonka Online Select Term: T4004S / T4004F / T4004W		9-12
0.5	T4006	Quadratic Algebra, part 2, Tonka Online Select Term: T4006S / T4006F / T4006W		9-12
0.5	4012	Geometry, S1	Successful completion of Quadratic Algebra or 8 th grade Algebra	9-12
0.5	4014	Geometry, S2		9-12
0.5	T4012	Geometry, part 1, Tonka Online Select Term: T4012S / T4012F / T4012W		9-12
0.5	T4014	Geometry, part 2, Tonka Online Select Term: T4012S / T4014F / T4014W		9-12
0.5	4016	Honors Geometry, S1	B+ or better in Quadratic Algebra or 8 th grade Algebra	9-12
0.5	4018	Honors Geometry, S2		9-12
0.5	4020	Higher Algebra, S1	Successful completion of Quadratic Algebra and Geometry or teacher recommendation.	9-12
0.5	4022	Higher Algebra, S2		9-12
0.5	T4020	Higher Algebra, part 1, Tonka Online Select Term: T4020S / T4020F / T4020W		9-12
0.5	T4022	Higher Algebra, part 2, Tonka Online Select Term: T4022S / T4022F / T4022W		9-12
0.5	4024	Honors Higher Algebra, S1	B+ or better in Geometry, B or better in Honors Geometry, or teacher recommendation.	9-12
0.5	4026	Honors Higher Algebra, S2		
0.5	T4024	Honors Higher Algebra, part 1, Tonka Online Select Term: T4024S / T4024F / T4024W		
0.5	T4026	Honors Higher Algebra, part 2, Tonka Online Select Term: T4026S / T4026F / T4026W		

¹ Per state statute, Algebra of Lines and the first semester of Algebra I do not count toward math credits; elective credit only.



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CREDIT	COURSE	COURSE TITLE	PREREQUISITE	GRADE(S)
0.5	4028	Functions, Stats & Trig, S1	Successful completion of Higher Algebra	9-12
0.5	4030	Functions, Stats & Trig, S2		
0.5	T4028	Functions, Stats & Trig, part 1, Tonka Online Select Term: T4028S / T4028F / T4028W		
0.5	T4030	Functions, Stats & Trig, part 2, Tonka Online Select Term: T4030S / T4030F / T4030W		
0.5	T7208S	Functions, Statistics and Trigonometry (AP Statistics Prep), Tonka Online, Summer only	Successful completion of Higher Algebra	10-12
0.5	T7210S	Functions, Statistics and Trigonometry (Pre-Calculus Prep), Tonka Online, Summer only	Successful completion of Higher Algebra	9-12
0.5	T7210S	Precalculus Prep: Functions, Statistics & Trigonometry Summer only, Tonka Online	Successful completion of Higher Algebra or Higher Algebra Honors	9-12
0.5	4032	Pre-Calculus, S1	B+ or better in Higher Algebra or B or better in Higher Algebra Honors or Functions, Stats & Trig or FST	9-12
0.5	4034	Pre-Calculus, S2		
	T4032	Pre-Calculus, part 1, Tonka Online Select Term: T4032S / T4032F / T4032W		
	T4034	Pre-Calculus, part 2, Tonka Online Select Term: T4034S / T4034F / T4034W		
0.5	4036	Pre-Calculus Honors, S1	A in Higher Algebra or B+ or better in Higher Algebra Honors	9-12
0.5	4038	Pre-Calculus Honors, S2		
0.5	T4036	Pre-Calculus Honors, part 1, Tonka Online Select Term: T4036S / T4036F / T4036W		
0.5	T4038	Pre-Calculus Honors, part 2, Tonka Online Select Term: T4038S / T4038F / T4038W		
0.5	IB400	IB Math Analysis & Approaches SL, S1	Successful completion of Honors Pre-Calculus or a B+ or better in Pre-Calculus	10-12
0.5	IB402	IB Math Analysis & Approaches SL, S2		
0.5	IB404	IB Math Analysis & Approaches HL, S1	Successful completion of IB Math Analysis & Approach SL	11-12
0.5	IB406	IB Math Analysis & Approaches HL, S2		
0.5	IB408	IB Math Applications and Interpretations SL, S1	Successful completion of FST or Pre-Calculus	10-12
0.5	IB410	IB Math Applications and Interpretations SL, S2		
0.5	IB412	IB Math Applications and Interpretations HL, S1	Successful completion of IB Math Applications and Interpretations SL	11-12
0.5	IB414	IB Math Applications and Interpretations HL, S2		



Mathematics Courses

CREDIT	COURSE	COURSE TITLE	PREREQUISITE	GRADE(S)
0.5	T7208S	Pre-AP Statistics: Functions, Statistics & Trigonometry Summer only, Tonka Online	Successful completion of Higher Algebra or Higher Algebra Honors	10-12
0.5 0.5	4040 4042	Statistics, S1 Statistics, S2	Successful completion of Higher Algebra (C or better)	10-12
0.5 0.5 0.5 0.5	AP400 AP402 T4100 T4102	AP Statistics, S1 AP Statistics, S2 AP Statistics, part 1, Tonka Online Select Term: T4100S /T4100F / T4100W AP Statistics, part 2, Tonka Online Select Term: T4102S /T4102F / T4102W	Successful completion (B- or better) of Math Studies, Functions, Stats & Trig, Pre-Calculus or teacher recommendation.	10-12
.5	T4104	Accelerated AP Statistics Summer and winter, Tonka Online	Successful completion (B- or better) of Math Studies, Functions, Stats & Trig, Pre-Calculus or teacher recommendation	10-12
0.5	T7206S	Pre-AP Calculus summer only, Tonka Online	Successful completion of Pre-Calculus.	9-12
0.5 0.5	4044 4046	Calculus, S1 Calculus, S2	Successful completion of Pre-Calculus.	10-12
0.5 0.5	AP404 AP406	AP Calculus AB, S1 AP Calculus AB, S2	B or better in Pre-Calculus, Pre-Calculus Honors or Calculus	10-12
0.5 0.5	AP408 AP410	AP Calculus BC, S1 AP Calculus BC, S2	C or better in AP Calculus AB 2 or A- or better in Calculus.	10-12
0.5 0.5	4048 4050	Multivariable Calculus, S1 Multivariable Calculus, S2	AP Calculus BC Semester 1 and 2; Passing score of 3, 4 or 5 on the AP Calculus BC exam or IB HL Mathematics Year 2	9-12
0.5 0.5	4052 4054	Differential Equations and Linear Algebra, S1 Differential Equations and Linear Algebra, S2	IB Higher Level Mathematics (Year 1), AP Calculus AB	10-12
0.5 0.5	4056 4058	CIS College Algebra, S1 CIS College Algebra, S2	Successful completion of Higher Algebra or Honors Higher Algebra	11-12
2.0	V100	VANTAGE: Business Analytics (with AP Statistics)	Successful completion of Math Studies, Functions, Stats & Trig, Pre-Calculus or teacher recommendation.	11-12

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CREDIT	COURSE	COURSE TITLE	PREREQUISITE	GRADE(S)
2.0	M4056 M6456 M4058 M6458	Mathematics in Home Renovation, S1 Mathematics in Home Renovation. S2	None	11-12