

Course: Pre-Calculus Honors Curriculum Map

	Unit Title	Standards	Resources
1st nine weeks	Unit 1 Building Functions and Modeling Relationships	PC.FBF: 1b, 3, 4a, 4b PC.FIF: 4, 5, 6, 7 PC.AREI: 7,11	Chapter 1 Sections: 1-6 Chapter 7 Sections 1-2
	Unit 2 Analyzing the Behavior of Polynomial, Radical, and Rational Functions	PC.FIF: 4, 5, 7a, 7b PC.FBF: 3 PC.AAPR: 2, 3, 4, 6, 7 PC.AREI: 11 PC.ASE: 2 PC.NCNS: 7, 8, 9	Chapter 2 Sections: 1-3, and 5-7
	Unit 3 Building and Analyzing Exponential and Logarithmic Functions	PC.FIF: 4, 5, 7c, PC.FBF: 1, 3, 5 PC.FLQE: 4 PC.ASE: 1 PC.AREI: 11	Chapter 3 Sections: 1-5
	Unit 4 Building, Analyzing, and Graphing Trigonometric Functions	PC.FT: 1 – 7 PC.FIF: 4, 5, 7d PC.FBF: 3 PC.AREI: 11	Chapter 4 Sections: 1 – 7
2nd nine weeks	Unit 5 Analyzing Trigonometric Identities & Equations; Law of Sine and Cosine	PC.FT: 7-9 PC.GSRT: 9-11	Chapter 5 Sections: 1,3,4 Chapter 6 Sections: 1-2
	Unit 6 Vector Quantities	PC.NVMQ: 1-5	Chapter 6: 3 Chapter 7: 5,7,8
	Unit 7 Matrices	PC.NVMQ.6-11 PC.AREI: 7, 8, 9	Chapter 7: 6
	Unit 8 Conic Sections	PC.GCI.5 PC.GGPE: 2, 3	Chapter 9: 1-3
	Unit 9 Complex Numbers	PC.NCNS: 2 - 6	Chapter 2:4 Chapter 6:5 Chapter 9: 5
	Unit 10 Structure in Series & Binomial Theorem	PC.ASE: 4 PC.AAPR: 5	Chapter 8:3, 4