

**Precalculus**  
Assignment Schedule  
2021-2022

**Semester 1**

<b>Chapter 1 Functions and Graphs</b>			
Day	Date	Lesson	Total
Monday	Aug 23	No class	
Tuesday	Aug 24	Syllabus (afternoon)	
Wednesday	Aug 25	1-01 The Cartesian Plane	20
Thursday	Aug 26	1-02 Graphs	25
Friday	Aug 27	1-03 Linear Equations in Two Variables	25
Monday	Aug 30	1-04 Functions and Functional Notation	20
Tuesday	Aug 31	1-05 Graph of Functions	20
Wednesday	Sep 01	1-06 Graphs of Parent Functions	20
Thursday	Sep 02	1-07 Transformations of Functions	25
Friday	Sep 03	1-08 Combinations of Functions	20
Monday	Sep 06	<i>Labor Day</i>	
Tuesday	Sep 07	1-09 Inverse Functions	20
Wednesday	Sep 08	<i>School Picnic</i>	
Thursday	Sep 09	1-10 Mathematical Modeling	20
Friday	Sep 10	1-Review	20
Monday	Sep 13	1-Test	100
<b>Chapter 2 Polynomial Functions</b>			
Day	Date	Lesson	Total
Tuesday	Sep 14	<i>MAP Testing</i>	
Wednesday	Sep 15	2-01 Complex Numbers	20
Thursday	Sep 16	2-02 Quadratic Functions	25
Friday	Sep 17	MML Practice	6
Monday	Sep 20	2-03 Polynomial Functions	25
Tuesday	Sep 21	2-04 Dividing Polynomial Functions	20
Wednesday	Sep 22	2-05 Rational Zeros of Polynomial Functions	20
Thursday	Sep 23	2-06 Zeros of Polynomial Functions	20
Friday	Sep 24	<i>Community Service Day</i>	
Monday	Sep 27	2-07 Asymptotes of Rational Functions	20
Tuesday	Sep 28	2-08 Graphing Rational Functions	20
Wednesday	Sep 29	2-09 Nonlinear Inequalities	20
Thursday	Sep 30	2-Review	21
Friday	Oct 01	2-Test	100
<b>Chapter 3 Exponential and Logarithmic Functions</b>			
Day	Date	Lesson	Total
Monday	Oct 04	3-01 Exponential Functions	21
Tuesday	Oct 05	3-02 Logarithmic Functions	20
Wednesday	Oct 06	3-03 Properties of Logarithms	20
Thursday	Oct 07	3-04 Solving Exponential and Logarithmic Equations	20
Friday	Oct 08	3-04 work	
Monday	Oct 11	<i>Columbus Day</i>	
Tuesday	Oct 12	3-05 Exponential and Logarithmic Models	20
Wednesday	Oct 13	<i>PSAT Testina</i>	
Thursday	Oct 14	3-Review	20
Friday	Oct 15	<i>Alumni Weekend</i>	
Monday	Oct 18	3-Test	100
Tuesday	Oct 19	MML1	6
<b>Chapter 4 Trigonometry</b>			
Day	Date	Lesson	Total
Wednesday	Oct 20	4-01 Angle Measures	20
Thursday	Oct 21	<i>Asynchronous Learning Day - Accreditation</i>	
Friday	Oct 22	Puzzle	
Monday	Oct 25	4-02 The Unit Circle	20
Tuesday	Oct 26	4-03 Right Triangle Trigonometry	20
Wednesday	Oct 27	<i>Parent-Teacher Conferences</i>	
Thursday	Oct 28	4-04 Right Triangle Trigonometry and Identities	20
Friday	Oct 29	4-04 work	
Monday	Nov 01	4-05 Trigonometric Functions of Any Angle	20
Tuesday	Nov 02	4-06 Graphs of Sine and Cosine	15
Wednesday	Nov 03	4-07 Graphs of the Other Trigonometric Functions	20
Thursday	Nov 04	4-08 Inverse Trigonometric Functions	15
Friday	Nov 05	4-08 work	
Monday	Nov 08	<i>Junior Preview</i>	
Tuesday	Nov 09	4-09 Compositions Involving Inverse Trigonometric Functions	15
Wednesday	Nov 10	4-10 Applications of Right Triangle Trigonometry	20
Thursday	Nov 11	4-11 Bearings and Simple Harmonic Motion	15
Friday	Nov 12	4-Review	15
Monday	Nov 15	4-Test	100
Tuesday	Nov 16	MML2	
<b>Chapter 5 Analytic Trigonometry</b>			
Day	Date	Lesson	Total
Wednesday	Nov 17	5-01 Fundamental Trigonometric Identities Part A	20
Thursday	Nov 18	5-02 Fundamental Trigonometric Identities Part B	20
Friday	Nov 19	5-02 work	
Monday	Nov 22	5-03 Verify Trigonometric Identities	20
Tuesday	Nov 23	5-04 Solve Trigonometric Equations	20
Wednesday	Nov 24	<i>Ouirkov Turkey</i>	
Thursday	Nov 25	<i>Thanksgiving</i>	
Friday	Nov 26	<i>Black Friday</i>	
Monday	Nov 29	<i>Asynchronous Learning Day - Accreditation</i>	
Tuesday	Nov 30	5-05 Sum and Difference Formulas	15
Wednesday	Dec 01	5-06 Multiple Angle Formulas	20
Thursday	Dec 02	5-07 Product-to-Sum Formulas	20
Friday	Dec 03	5-Review	21
Monday	Dec 06	5-Review Work	
Tuesday	Dec 07	5-Test Day 1 (3x5 card)	50
Wednesday	Dec 08	MML3	6
Thursday	Dec 09	5-Test Day 2 (3x5 card)	50
Friday	Dec 10	Review	
Monday	Dec 13	<b>Final Exam Day 1</b>	
Tuesday	Dec 14	<b>Final Exam Day 2</b>	
Wednesday	Dec 15	<b>Final Exam Day 3</b>	200
Thursday	Dec 16	<i>Finals</i>	
Friday	Dec 17	<i>Finals</i>	

Precalculus  
Assignment Schedule  
2021-2022

Semester 2

Chapter 6 Additional Trigonometric Topics			
Day	Date	Lesson	Total
Monday	Jan 03	6-01 Law of Sines	20
Tuesday	Jan 04	6-02 Law of Cosines	15
Wednesday	Jan 05	6-03 Vectors	25
Thursday	Jan 06	6-04 Writing Vectors in Trigonometric Form	20
Friday	Jan 07	MML4	6
Monday	Jan 10	6-05 Dot Products	20
Tuesday	Jan 11	<i>Asynchronous Learning Day - Accreditation</i>	
Wednesday	Jan 12	6-06 Trigonometric Form of a Complex Number	20
Thursday	Jan 13	6-07 Trigonometric Form of a Complex Number Operations	20
Friday	Jan 14	6-Review	22
Monday	Jan 17	<i>Martin Luther King Jr. Day</i>	
Tuesday	Jan 18	6-Review work	
Wednesday	Jan 19	6-Test (3x5 card)	100
Chapter 7 Analytic Geometry and Conic Sections			
Day	Date	Lesson	Total
Thursday	Jan 20	7-01 Lines	20
Friday	Jan 21	7-01 work	
Monday	Jan 24	7-02 Parabolas	20
Tuesday	Jan 25	7-03 Ellipses and Circles	20
Wednesday	Jan 26	7-04 Hyperbolas	20
Thursday	Jan 27	7-05 Rotated Conics	20
Friday	Jan 28	<i>Asynchronous Learning Day - Accreditation</i>	
Monday	Jan 31	7-06 Parametric Equations	20
Tuesday	Feb 01	7-07 Polar Coordinates	20
Wednesday	Feb 02	7-08 Graphs of Polar Equations	20
Thursday	Feb 03	7-09 Polar Equations of Conics	20
Friday	Feb 04	7-09 work	
Monday	Feb 07	7-Review	21
Tuesday	Feb 08	MML5	6
Wednesday	Feb 09	7-Review work	
Thursday	Feb 10	7-Test Day 1 (3x5 card)	50
Friday	Feb 11	7-Test Day 2 (3x5 card)	50
Chapter 8 Systems of Equations and Inequalities			
Day	Date	Lesson	Total
Monday	Feb 14	8-01 Nonlinear and Linear Systems	20
Tuesday	Feb 15	8-02 Two-Variable Linear Systems	20
Wednesday	Feb 16	8-03 Multivariable Linear Systems	20
Thursday	Feb 17	8-04 Partial Fractions	20
Friday	Feb 18	8-04 work	
Monday	Feb 21	<i>President's Day</i>	
Tuesday	Feb 22	8-05 Systems of Inequalities	15
Wednesday	Feb 23	8-06 Linear Programming	15
Thursday	Feb 24	8-Review	16
Friday	Feb 25	8-Test	100
Chapter 9 Matrices			
Day	Date	Lesson	Total
Monday	Feb 28	9-01 Matrices and Systems of Equations	20
Tuesday	Mar 01	9-02 Gaussian Elimination	15
Wednesday	Mar 02	9-03 Matrix Operations	20
Thursday	Mar 03	9-04 Inverse Matrices	15
Friday	Mar 04	9-04 work	
Monday	Mar 07	9-05 Determinants of Matrices	20
Tuesday	Mar 08	<i>Academy Day</i>	
Wednesday	Mar 09	9-06 Applications of Matrices	20
Thursday	Mar 10	9-Review	17
Friday	Mar 11	9-Test (3x5 card)	100
Chapter 10 Sequences and Series			
Day	Date	Lesson	Total
Monday	Mar 14	10-01 Sequences	20
Tuesday	Mar 15	10-02 Series	20
Wednesday	Mar 16	10-03 Arithmetic Sequences and Series	20
Thursday	Mar 17	10-04 Geometric Sequences and Series	20
Friday	Mar 18	10-04 work	
Monday	Mar 21	<i>Spring Break</i>	
Tuesday	Mar 22	<i>Spring Break</i>	6
Wednesday	Mar 23	<i>Spring Break</i>	
Thursday	Mar 24	<i>Spring Break</i>	
Friday	Mar 25	<i>Spring Break</i>	
Monday	Mar 28	MML6	
Tuesday	Mar 29	10-05 Mathematical Induction	15
Wednesday	Mar 30	<i>Parent-Teacher Conferences</i>	
Thursday	Mar 31	10-05 work	
Friday	Apr 01	10-06 Binomial Theorem	20
Monday	Apr 04	10-07 Counting Principles	25
Tuesday	Apr 05	10-08 Probability	25
Wednesday	Apr 06	10-Review	22
Thursday	Apr 07	10-Review work	
Friday	Apr 08	10-Test (3x5 card)	100
Monday	Apr 11	<i>Senior Trip</i>	
Tuesday	Apr 12	<i>Senior Trip</i>	
Wednesday	Apr 13	<i>Senior Trip - Service Day</i>	
Thursday	Apr 14	<i>Senior Trip</i>	
Chapter 11 Analytic Geometry in Three Dimensions			
Day	Date	Lesson	Total
Friday	Apr 15	Puzzle	
Monday	Apr 18	11-01 3-D Coordinate System	20
Tuesday	Apr 19	11-02 Vectors in Space	20
Wednesday	Apr 20	11-02 work	
Thursday	Apr 21	11-03 Cross Products	20
Friday	Apr 22	11-03 work	
Monday	Apr 25	11-04 Lines and Planes in Space	20
Tuesday	Apr 26	11-Review	20
Wednesday	Apr 27	11-Review Work	
Thursday	Apr 28	11-Test (3x5 card)	100
Friday	Apr 29	<i>Asynchronous Learning Day - Accreditation</i>	
Chapter 12 Introduction to Calculus			
Day	Date	Lesson	Total
Monday	May 02	12-01 Introduction to Limits	20
Tuesday	May 03	12-02 Evaluating Limits	20
Wednesday	May 04	12-03 Derivatives	20
Thursday	May 05	12-04 Limits at Infinity and Limits of Sequences	15
Friday	May 06	12-04 work	
Monday	May 09	12-05 Integrals	15
Tuesday	May 10	12-05 work	
Wednesday	May 11	12-Review	18
Thursday	May 12	12-Review Work	
Friday	May 13	12-Test (3x5 card)	100
Monday	May 16	<i>School Picnic</i>	
Tuesday	May 17	Review	
Wednesday	May 18	Review	
Thursday	May 19	Review	
Friday	May 20	<b>Final Exam - Day 1</b>	200
Monday	May 23	<b>Final Exam - Day 2</b>	
Tuesday	May 24	<b>Final Exam - Day 3</b>	
Wednesday	May 25	<i>Finals</i>	
Thursday	May 26	<i>Finals</i>	