

Semester 1			
Chapter 1 Functions and Graphs			
Day	Date	Lesson	Total
Monday	Aug 18	Syllabus	
Tuesday	Aug 19	1-01 The Cartesian Plane	20
Wednesday	Aug 20	1-02 Graphs	25
Thursday	Aug 21	1-03 Linear Equations in Two Variables	25
Friday	Aug 22	1-04 Functions and Functional Notation	20
Monday	Aug 25	1-05 Graph of Functions	20
Tuesday	Aug 26	1-06 Graphs of Parent Functions	20
Wednesday	Aug 27	<b>School Picnic</b>	
Thursday	Aug 28	1-07 Transformations of Functions	25
Friday	Aug 29	1-08 Combinations of Functions	20
Monday	Sep 01	<b>Labor Day</b>	
Tuesday	Sep 02	1-09 Inverse Functions	20
Wednesday	Sep 03	1-10 Mathematical Modeling	20
Thursday	Sep 04	1-Review	20
Friday	Sep 05	1-Review work	
Monday	Sep 08	1-Test	100
Chapter 2 Polynomial Functions			
Day	Date	Lesson	Total
Tuesday	Sep 09	2-01 Complex Numbers	20
Wednesday	Sep 10	2-02 Quadratic Functions	25
Thursday	Sep 11	2-03 Polynomial Functions	25
Friday	Sep 12	MML Practice	6
Monday	Sep 15	<b>Senior Trip/MAP Testing</b>	
Tuesday	Sep 16	<b>Senior Trip</b>	
Wednesday	Sep 17	<b>Senior Trip</b>	
Thursday	Sep 18	<b>Senior Trip</b>	
Friday	Sep 19	Puzzle	
Monday	Sep 22	2-04 Dividing Polynomial Functions	20
Tuesday	Sep 23	2-05 Rational Zeros of Polynomial Functions	20
Wednesday	Sep 24	2-06 Zeros of Polynomial Functions	20
Thursday	Sep 25	2-07 Asymptotes of Rational Functions	20
Friday	Sep 26	2-08 Graphing Rational Functions	20
Monday	Sep 29	2-09 Nonlinear Inequalities	20
Tuesday	Sep 30	2-Review	21
Wednesday	Oct 01	2-Test	100
Chapter 3 Exponential and Logarithmic Functions			
Day	Date	Lesson	Total
Thursday	Oct 02	3-01 Exponential Functions	20
Friday	Oct 03	Puzzle	
Monday	Oct 06	3-02 Logarithmic Functions	20
Tuesday	Oct 07	3-03 Properties of Logarithms	20
Wednesday	Oct 08	3-04 Solving Exponential and Logarithmic Equations	20
Thursday	Oct 09	<b>PSAT Testing</b>	
Friday	Oct 10	3-04 work	
Monday	Oct 13	<b>Columbus Day</b>	
Tuesday	Oct 14	MML1	6
Wednesday	Oct 15	3-05 Exponential and Logarithmic Models	20
Thursday	Oct 16	3-Review	20
Friday	Oct 17	<b>Alumni Weekend - Setup Tables and Chairs</b>	
Monday	Oct 20	3-Test	100
Chapter 4 Trigonometry			
Day	Date	Lesson	Total
Tuesday	Oct 21	4-01 Angle Measures	20
Wednesday	Oct 22	<b>Parent-Teacher Conferences</b>	
Thursday	Oct 23	4-02 The Unit Circle	20
Friday	Oct 24	4-03 Right Triangle Trigonometry	20
Monday	Oct 27	4-04 Right Triangle Trigonometry and Identities	20
Tuesday	Oct 28	4-05 Trigonometric Functions of Any Angle	20
Wednesday	Oct 29	4-05 work	
Thursday	Oct 30	4-06 Graphs of Sine and Cosine	15
Friday	Oct 31	<b>Penny Arcade Setup - No Class</b>	
Monday	Nov 03	<b>Junior Preview</b>	
Tuesday	Nov 04	4-07 Graphs of the Other Trigonometric Functions	20
Wednesday	Nov 05	4-08 Inverse Trigonometric Functions	15
Thursday	Nov 06	4-09 Compositions Involving Inverse Trigonometric Functions	15
Friday	Nov 07	4-09 work	
Monday	Nov 10	4-10 Applications of Right Triangle Trigonometry	20
Tuesday	Nov 11	MML2	
Wednesday	Nov 12	4-11 Bearings and Simple Harmonic Motion	15
Thursday	Nov 13	4-Review	15
Friday	Nov 14	4-Review work	
Monday	Nov 17	4-Test	100
Chapter 5 Analytic Trigonometry			
Day	Date	Lesson	Total
Tuesday	Nov 18	5-01 Fundamental Trigonometric Identities Part A	20
Wednesday	Nov 19	5-02 Fundamental Trigonometric Identities Part B	20
Thursday	Nov 20	5-03 Verify Trigonometric Identities	20
Friday	Nov 21	5-03 work	
Monday	Nov 24	5-04 Solve Trigonometric Equations	20
Tuesday	Nov 25	<b>E-Learning</b>	
Wednesday	Nov 26	<b>Thanksgiving</b>	
Thursday	Nov 27	<b>Thanksgiving</b>	
Friday	Nov 28	<b>Thanksgiving</b>	
Monday	Dec 01	5-05 Sum and Difference Formulas	15
Tuesday	Dec 02	5-06 Multiple Angle Formulas	20
Wednesday	Dec 03	5-07 Product-to-Sum Formulas	20
Thursday	Dec 04	5-Review	21
Friday	Dec 05	5-Review Work	
Monday	Dec 08	5-Test Day 1 (3x5 card)	50
Tuesday	Dec 09	5-Test Day 2 (3x5 card)	50
Wednesday	Dec 10	Review	
Thursday	Dec 11	Review	
Friday	Dec 12	<b>Final Exam Day 1</b>	15
Monday	Dec 15	<b>Final Exam Day 2</b>	15
Tuesday	Dec 16	MML3	6
Wednesday	Dec 17	<b>Final Exam Day 3 (11:20-12:35)</b>	20
Thursday	Dec 18	<i>Finals</i>	
Friday	Dec 19	<i>Finals</i>	

Semester 2			
Chapter 6 Additional Trigonometric Topics			
Day	Date	Lesson	Total
Monday	Jan 05	6-01 Law of Sines	20
Tuesday	Jan 06	6-02 Law of Cosines	15
Wednesday	Jan 07	6-03 Vectors	25
Thursday	Jan 08	6-04 Writing Vectors in Trigonometric Form	20
Friday	Jan 09	6-05 Dot Products	20
Monday	Jan 12	6-06 Trigonometric Form of a Complex Number	20
Tuesday	Jan 13	MML4	6
Wednesday	Jan 14	6-07 Trigonometric Form of a Complex Number Operations	20
Thursday	Jan 15	6-Review	22
Friday	Jan 16	6-Review work	
Monday	Jan 19	<b>Martin Luther King Jr. Day</b>	
Tuesday	Jan 20	6-Test (3x5 card)	100
Wednesday	Jan 21	<b>MAP Testing</b>	
Chapter 7 Analytic Geometry and Conic Sections			
Day	Date	Lesson	Total
Thursday	Jan 22	7-01 Lines	20
Friday	Jan 23	7-02 Parabolas	20
Monday	Jan 26	7-03 Ellipses and Circles	20
Tuesday	Jan 27	7-04 Hyperbolas	20
Wednesday	Jan 28	7-05 Rotated Conics (2 days)	20
Thursday	Jan 29	7-05 work	
Friday	Jan 30	7-06 Parametric Equations	20
Monday	Feb 02	7-07 Polar Coordinates	20
Tuesday	Feb 03	7-08 Graphs of Polar Equations	20
Wednesday	Feb 04	7-09 Polar Equations of Conics	20
Thursday	Feb 05	7-Review	21
Friday	Feb 06	7-Review work	
Monday	Feb 09	7-Test Day 1 (3x5 card)	50
Tuesday	Feb 10	MML5	6
Wednesday	Feb 11	7-Test Day 2 (3x5 card)	50
Chapter 8 Systems of Equations and Inequalities			
Day	Date	Lesson	Total
Thursday	Feb 12	8-01 Nonlinear and Linear Systems	20
Friday	Feb 13	8-02 Two-Variable Linear Systems	20
Monday	Feb 16	<b>President's Day</b>	
Tuesday	Feb 17	8-03 Multivariable Linear Systems	20
Wednesday	Feb 18	8-04 Partial Fractions	15
Thursday	Feb 19	8-05 Systems of Inequalities	15
Friday	Feb 20	8-03 Worksheet	17
Monday	Feb 23	8-06 Linear Programming	15
Tuesday	Feb 24	8-Review	16
Wednesday	Feb 25	8-Test	100
Chapter 9 Matrices			
Day	Date	Lesson	Total
Thursday	Feb 26	9-01 Matrices and Systems of Equations	20
Friday	Feb 27	9-01 work	
Monday	Mar 02	9-02 Gaussian Elimination	15
Tuesday	Mar 03	<b>Academy Day</b>	
Wednesday	Mar 04	9-03 Matrix Operations	20
Thursday	Mar 05	9-04 Inverse Matrices	15
Friday	Mar 06	9-05 Determinants of Matrices	20
Monday	Mar 09	9-06 Applications of Matrices	20
Tuesday	Mar 10	MML6	6
Wednesday	Mar 11	9-Review	17
Thursday	Mar 12	9-Test (3x5 card)	100
Friday	Mar 13	Puzzle	
Monday	Mar 16	<b>Spring Break</b>	
Tuesday	Mar 17	<b>Spring Break</b>	
Wednesday	Mar 18	<b>Spring Break</b>	
Thursday	Mar 19	<b>Spring Break</b>	
Friday	Mar 20	<b>Spring Break</b>	
Chapter 10 Sequences and Series			
Day	Date	Lesson	Total
Monday	Mar 23	10-01 Sequences	20
Tuesday	Mar 24	10-02 Series	20
Wednesday	Mar 25	10-03 Arithmetic Sequences and Series	20
Thursday	Mar 26	10-04 Geometric Sequences and Series	20
Friday	Mar 27	10-04 work	
Monday	Mar 30	10-05 Mathematical Induction	15
Tuesday	Mar 31	10-05 work	
Wednesday	Apr 01	10-06 Binomial Theorem	20
Thursday	Apr 02	10-07 Counting Principles	25
Friday	Apr 03	10-07 work	
Monday	Apr 06	10-08 Probability	25
Tuesday	Apr 07	Farlie	10
Wednesday	Apr 08	10-Review	22
Thursday	Apr 09	10-Review work	
Friday	Apr 10	10-Test (3x5 card)	100
Chapter 11 Analytic Geometry in Three Dimensions			
Day	Date	Lesson	Total
Monday	Apr 13	11-01 3-D Coordinate System	20
Tuesday	Apr 14	11-02 Vectors in Space	20
Wednesday	Apr 15	11-03 Cross Products	20
Thursday	Apr 16	11-03 work	
Friday	Apr 17	11-04 Lines and Planes in Space	20
Monday	Apr 20	11-04 work	
Tuesday	Apr 21	11-Review	20
Wednesday	Apr 22	11-Review Work	
Thursday	Apr 23	11-Test (3x5 card)	100
Friday	Apr 24	<b>MAP Testing</b>	
Chapter 12 Introduction to Calculus			
Day	Date	Lesson	Total
Monday	Apr 27	12-01 Introduction to Limits	20
Tuesday	Apr 28	12-02 Evaluating Limits	20
Wednesday	Apr 29	12-03 Derivatives	20
Thursday	Apr 30	12-03 work	
Friday	May 01	12-04 Limits at Infinity and Limits of Sequences	15
Monday	May 04	12-05 Integrals	15
Tuesday	May 05	12-05 work	
Wednesday	May 06	12-Review	18
Thursday	May 07	12-Review work	
Friday	May 08	<b>School Picnic</b>	
Monday	May 11	12-Test (3x5 card)	100
Tuesday	May 12	Review	
Wednesday	May 13	Review	
Thursday	May 14	Review	
Friday	May 15	<b>Final Exam - Day 1</b>	
Monday	May 18	<b>Final Exam - Day 2</b>	
Tuesday	May 19	<b>Final Exam - Day 3 (9:00-10:15)</b>	
Wednesday	May 20	<i>Finals</i>	
Thursday	May 21	<i>Finals</i>	