

Monday	Tuesday	Wednesday	Thursday	Friday
8/27	8/28	8/29	8/30	8/31
Course Intro	Equation of a Circle (Section 4.1 & 4.2)	Equation of a Circle (Section 4.1 & 4.2)	Equation of a Parabola (Section 5.2)	Equation of a Parabola (Section 5.2)
9/3	9/4	9/5	9/6	9/7
No School Labor Day	Equation of a Parabola (Section 5.2)	Equation of an Ellipse (Section 5.3)	Quiz 4.1 – 5.2 Equation of an Ellipse (Section 5.3)	Equation of an Ellipse (Section 5.3)
9/10	9/11	9/12	9/13	9/14
No School Rosh Hashanah	Equation of an Ellipse (Section 5.3)	Equation of a Hyperbola (Section 5.4)	Equation of a Hyperbola (Section 5.4)	Equation of a Hyperbola/Review (Section 5.4)
9/17				
Test				

Suggested Practice:

Section	Problems
4.1 & 4.2	p.134 #7, 10, 21, 31 p.146 #3, 6
5.2	p.158 #4, 15, 20, 23, 25, 38
5.3	p.169 #7, 11, 16, 17, 31 (no calc), 33
5.4	p.181 #9, 13, 18, 20, 21, 24, 25, 45

Analytic Geometry
Ogrodnik
First Semester Calendars

Monday	Tuesday	Wednesday	Thursday	Friday
	9/18	9/19	9/20	9/21
	Read Section I Section I Problems	No School Yom Kippur	Finish Section I Problems Read Section II	No Class Early Dismissal
9/24	9/25	9/26	9/27	9/28
Section II Problems	Catch-Up/Review	Quiz Section I & II Read Section III	Section III Problems	Read Section IV Section IV Problems
10/1	10/2	10/3	10/4	10/5
Section IV Problems Read Section V	Section V Problems	Review	Test	No School Fall Break

Monday	Tuesday	Wednesday	Thursday	Friday
10/8	10/9	10/10	10/11	10/12
No School Fall Break	Translation of Axes (Section 6.2)	No Class Testing Day	Translation of Axes (Section 6.2)	Translation of Axes (Section 6.2)
10/15	10/16	10/17	10/18	10/19
Translation of Axes (Section 6.2)	Quiz 6.2 Rotation of Axes (Section 6.3)	Rotation of Axes (Section 6.3)	Eliminating the xy -term (Section 6.4)	Eliminating the xy -term (Section 6.4)
10/22	10/23	10/24	10/25	10/26
Eliminating the xy -term (Section 6.4)	Eliminating the xy -term (Section 6.4)	Review	Test	End of 1 st Quarter

Suggested Practice:

Section	Problems
6.2	p.205 #1, 3, 7, 11, 13, 15, 16
6.3	p.211 #4, 5, 6, 7, 11, 15, 17
6.4	p.220 #1, 3, 8, 9, 11, 14, 16

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Monday	Tuesday	Wednesday	Thursday	Friday
10/29	10/30	10/31	11/1	11/2
Polar Graphing (Section 8.2)	Rectangular/Polar Conversion (Section 8.2 & 8.4)	Conics in Polar (Section 8.5)	Conics in Polar (Section 8.5)	Conics in Polar (Section 8.5)
11/5	11/6	11/7	11/8	11/9
Quiz 8.2 – 8.5 Points of Intersection (Section 8.3)	Points of Intersection (Section 8.3)	Parametric Equations (Section 8.6)	No School Parent-Teacher Conferences	No School Institute Day
11/12	11/13	11/14	11/15	
Parametric Equations (Section 8.6)	Parametric Equations/Review (Section 8.6)	Review	Test	

Suggested Practice:

Section	Problems
8.2	p.289 #3, 5, 7, 9, 11, 17, 21, 29
8.3	p.294 #1, 7, 15, 19, 20, 21
8.4	p.298 #3, 9, 15, 17, 20, 32
8.5	p.303 #2, 6, 11, 15, 16, 17
8.6	p.311 #2, 9, 13, 20, 26, 34
Parametric	Worksheets

Monday	Tuesday	Wednesday	Thursday	Friday
				11/16
				Vectors & Dot Product (Section 2.1 & 2.2)
11/19	11/20	11/21	11/22	11/23
Distance & Point of Division Formulas (Section 9.1)	Vectors in Space (Section 9.2 & 9.3)	No School Thanksgiving Break	No School Thanksgiving Break	No School Thanksgiving Break
11/26	11/27	11/28	11/29	11/30
Equations of Lines (Section 9.4)	Quiz 2.1 – 9.3 Cross Product (Section 9.5)	Equations of Planes (Section 9.6)	Equations of Planes (Section 9.6)	Equations of Planes (Section 9.6)
12/3	12/4	12/5	12/6	
Intersecting Planes	Intersecting Planes	Review	Test	

Suggested Practice:

Section	Problems
2.1 & 2.2	p.60 #39, 40 p.69 #18, 27, 35, 44
9.1	p.321 #15, 22, 27, 31
9.2	p.327 #5, 13, 15, 23, 32, 33
9.3	p.333 #3, 19, 21, 23, 27
9.4	p.340 #9, 18, 21, 26, 27, 28
9.5	p.349 #7, 13, 19, 20, 25, 27, 32, 33
9.6	p.359 #13, 17, 19, 21, 25, 33, 39, 44, 45, 54, 57
Planes	Worksheets

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Monday	Tuesday	Wednesday	Thursday	Friday
				12/7
				Spheres & Cylinders (Section 9.7)
12/10	12/11	12/12	12/13	12/14
Surfaces of Revolution	Surfaces of Revolution	Surfaces of Revolution	Quadric Surfaces (Section 9.8)	Quadric Surfaces (Section 9.8)
12/17	12/18	12/19	12/20	
Quadric Surfaces (Section 9.8)	Quadric Surfaces (Section 9.8)	Review	Test	

Suggested Practice:

Section	Problems
9.7	p.364 #1, 3, 7, 11, 13, 22, 23
9.8	p.376 #2, 5, 7, 9, 19, 21, 22, 25

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Monday	Tuesday	Wednesday	Thursday	Friday
1/7	1/8	1/9	1/10	1/11
Cycloids	Cycloids	Epicycloids	Epicycloids	Hypocycloids
1/14	1/15	1/16	1/17	1/18
Cycloids Review	Finals Review	Finals Review	Cumulative Exam	Finals Review
1/21	1/22	1/23	1/24	1/26
No School MLK Day	Finals	Finals	Finals	No School Grading Day