

Subject to change without notice						
Last updated:		10/19/2024				
Session	Date	Topic	Textbook	Practice Problems	Webwork Set	Webwork Due
1	1/30	Properties of Integer Exponents	Chapter 4, Section 4.1, pages 320-324	p.327: 11-29 odd,33,35,41,47,63,67,75	IntegerExponents	2/5
		Adding and Subtracting Rational Expressions	Chapter 5, Section 5.3, pages 437-444	p.445: 7-23, 27-49 odd	ReducingRationalExpressions AddRationalExpressions AddRationalExpressions2	
2	2/1	Complex Fractions	Chapter 5, Section 5.4, pages 447-452	p.452: 9-15,17-23 odd, 31,33	ComplexFractions-Method1 ComplexFractions-Method2	2/7
3	2/6	Fractional Equations	Chapter 5, Section 5.5 pages 454-460	p.460: 9-33 odd	FractionalEquations	2/12
4	2/8	Roots and Radicals	Chapter 6, Section 6.1, pages 496-502	p.505: 9-37 odd,59,65,67,79	HigherRoots HigherRoots-Algebraic	2/14
		Rational Exponents	Chapter 6, Section 6.2, pages 508-512	p.513: 9,13,17,19,25,29,33,41,45,53,65,73,81,93	RationalExponents	
5	2/13	Simplifying Radical Expressions	Chapter 6, Section 6.3, pages 515-519	p.520: 9,13,17,21,25,33,39,55,59,63,79	SimplifyingRadicals	2/19
		Addition and Subtraction of Radicals	Chapter 6, Section 6.4, pages 522-525	p.526: 15,19,23,35,37,41,51,55,57,61,81	AddSubtractRadicals	
6	2/15	Multiplication of Radicals	Chapter 6, Section 6.5, pages 528-532	p.534: 11,17,19,21,23,25,29,31,35,37,55,57,61,63,67,77,79,87	MultiplyRadicals	2/21
7	2/22	Division of Radicals and Rationalization	Chapter 6, Section 6.6, pages 536-543 (skip examples 4 and 6)	p.544: 11,13,17,21,31,35,39,53,57,63,67,71,77,81	None	
8	2/27	Solving Radical Equations	Chapter 6, Section 6.7, pages 546-549	p.554: 13-18,25-28,41-46	RadicalEquations	3/5
9	3/1	Complex Numbers	Chapter 6, Section 6.8, pages 557-563	p.564: 15-27,31-35,53-57,61-69,81-89 odd	ComplexNumbers	3/7
10	3/6	Quadratic Equations	Chapter 4, Section 4.8 pages 394-396 (omit example 2)	p.404: 21-40		3/12
		The Square Root Property and Completing the Square	Chapter 7, Section 7.1, pages 582-587	p.589: 3-19,27-33,37-53 odd	SquareRootProperty	
11	3/8	First Examination				
		The Quadratic Formula	Chapter 7, Section 7.2, pages 592-594, 596-602 (Derive the quadratic formula)	p.603: 9-25,49-55 odd, 69,73,77,81,85	QuadraticFormula	3/14
12	3/13	Applications of Quadratic Equations	Chapter 4, Section 4.8, pages 398-400	p.405: 65,69,71,73,75	None	-
			Chapter 7, Section 7.2, pages 594-595	p.603: 39-47 odd		
13	3/15	Graphs of Quadratic Functions	Chapter 7, Section 7.4, pages 612-620	p.621: 11-15,19-23,29-35,45,47,51-61 odd	ShiftingParabolas	3/21
		Vertex of a Parabola	Chapter 7, Section 7.5, pages 626-630	p.633: 17-23 odd,29,31,37,41,43	ParabolaVertices-CtS ParabolaVertices-VertexFormula	
14	3/20	Distance Formula, Midpoint and Circles	Chapter 9, Section 9.1, pages 754-759	p.760: 5,9,11,13,23-31 odd,39,41,45,61,63,	DistanceFormula Circles	3/26
		Perpendicular Bisector	Supplemental Material	Supplemental Problems on Perpendicular Bisector		
15	3/22	Systems of Three Linear Equations in Three	Chapter 3, Section 3.6, pages 283-289	p.290: 11-17 odd,21,23,27,35-39 odd	3x3-Systems	3/28
16	3/27	Determinants and Cramer's Rule (optional)	Appendix A.1, pages A-1 to A-9	p.A-10: 35-45 odd,49,56,57		
		Systems involving Nonlinear Equations	Chapter 9, Section 9.4, pages 784-788	p.790: 23-37 odd,49	NonLinearSystems	4/2
17	3/29	Second Examination				
18	4/10	Angle Measure and Special Triangles	Chapter 1, Section 1.1, pages 2-6	p.7: 45-57 odd	SpecialTriangles	4/16
		The Trigonometry of Right Triangles	Chapter 2, Section 2.1, pages 46-50	p.51: 7-21 odd	TrigonometryRatios	
19	4/12	Solving Right Triangles	Chapter 2, Section 2.2, pages 54-56	p.57: 7-47 odd	SolvingRightTriangles	4/18
		Applications of Static Trigonometry	Chapter 2, Section 2.3, pages 63-66	p.69: 35-38	SolvingRightTriangles-Inverse Trig	
20	4/17	Angle Measure in Radian	Chapter 3, Section 3.1, pages 90-93	p.95: 25-39 odd, 43,45,49-61 odd,67-71 odd	AngleMeasure-Radians	4/23
		Trigonometry and the Coordinate Plane	Chapter 1, Section 1.3, pages 22-27	p.28: 25-31 odd, 45,47,55-63 odd,64,73-79	CoordinatePlaneTrig	
21	4/19	Unit Circles	Chapter 3, Section 3.3, pages 108-113	p.115: 29-35 odd,37-40	UnitCircle	4/25
22	4/24	Graphs of the Sine and Cosine Functions	Chapter 4, Section 4.1, pages 134-144	p.145: 1-3,17-29 odd,33-39 odd	GraphingSineCosine	4/30
		Graphs of Tangent and Cotangent Functions	Chapter 4, Section 4.2, pages 153-159	p.160: 15,19,21,39,43,47		
23	4/26	Fundamental Identities and Families of Iden	Chapter 1, Section 1.4, pages 31-35	p.35: 11-37 odd	None	
			Chapter 5, Section 5.1, pages 212-214	p.216: 13-29 odd,37,43,51		
24	5/1	Trigonometric Equations	Chapter 6, Section 6.3, pages 284-290	p.292: 13,17,21,25,31,35,43-49 odd,79,80	TrigEquations	5/7
25	5/3	Oblique Triangles and the Law of Sines	Chapter 7, Section 7.1, pages 316-322	p.324: 7-23 odd	LawOfSines	5/9
		The Law of Cosines	Chapter 7, Section 7.2, pages 329-332	p.338: 7-11 odd, 21-29 odd	LawOfCosines	

26	5/8	Third Examination				
		Exponential Functions	Chapter 8, Subsections 8.3.1, 8.3.2, 8.3.4	p.687: 9-25 odd,43,49	ExponentialFunctions	5/14
27	5/10	Logarithmic Functions	Chapter 8, Section 8.4, pages 690-693 ar	p.699: 11-61 odd	LogarithmicFunctions	5/18
28	5/15	Properties of Logarithms	Chapter 8, Section 8.5, pages 704-709	p.710: 17-29 odd, 45-55 odd, 63-64,67-71,7	LogarithmicProperties	5/21
		Compound Interest	Chapter 8, Section 8.6, pages 712-715 (c	p.721: 11,13	CompoundInterest	
29	5/22	Exponential Equations	Chapter 8, Section 8.7, pages 726-734	p.735: 39-49 odd,55-61 odd,73,75,77,79,87	ExponentialEquations	5/21
					ExponentialEquations-Calc	
30	5/24	Final Examination				