

Unit 3 - Equations and Inequalities (approximately 17 days)

Reference Materials: MH 11 = Mathematics 11 (McGraw-Hill Ryerson 2001)
 AW 12 = Mathematics 12 (Addison-Wesley 1988)
 AWC = Advanced Functions and Calculus (Addison-Wesley 2003)
 C = Advanced functions and Introductory Calculus (Harcourt 2002)
 WC = Worked examples in Calculus (Tam 2000)

Other Resources: **TI-84** = Texas Instruments graphing calculator
 E = MS Excel program on computer

Lesson	Topic	Practice References
3.1	Linear Equations and Inequalities	MH 11 – 1.9
3.2	Quadratic Equations	MH 11 – 2.3
3.3	Quadratic Inequalities	
3.4A	Absolute Value Equations (optional)	C – 2.6
3.4B	Absolute Value Inequalities (optional)	
3.5A	Dividing Polynomials	AW 12 – 2.4 C - 1.3
3.5B	Synthetic Division	WC – 1.1
3.6	Remainder Theorem	AW 12 – 2.5 C - 1.4 & WC - 1.2
3.7	Factor Theorem	AW 12 – 2.6 & WC – 1.3 C - 2.1 & 2.2
3.8	Graphing Polynomials and the Factor Theorem	C – 2.2 AWC – 3.7 & WC – 1.3
3.9	Oblique Asymptotes	C – 9.3
3.10	Polynomial Equations	C – 2.3 AWC – 3.6
3.11	Polynomial Inequalities	C – 2.5 AWC – 3.5
3.12	Polynomial Equation and Inequalities Problems	AWC – 3.6
3.13	Rational Equations and Inequalities	
3.14	Review	
	TEST	