

Lowell High School Mathematics Department

Textbooks and Coverage

rev Feb 26, 2009

Regular/Off Semester Courses

Algebra 1	Foster	<u>Algebra</u> + Logic Worksheet	Ch 1-8
Algebra 2	Foster	<u>Algebra</u>	Ch 9-16
Geometry 1	Jurgensen	<u>Geometry</u>	Ch 1-5, 8.1, 8.2
Geometry 2	Jurgensen	<u>Geometry</u>	Ch 6-12.4 less 8.1, 8.2
Adv Alg 1	Foerster	<u>Algebra and Trig</u>	Ch 1-7.6, 10.4 Syn Subst (4.7,4.8 opt)
Adv Alg 2	Foerster	<u>Algebra and Trig</u>	Ch 7.7-8, 10.1-10.4, 11-12, Appendix B, 15.1, 9-9.5 (last), (10.5-10.7 opt)
Precalculus 1	Sullivan and Sullivan	<u>Precalculus-Graphing and Data Analysis</u>	Ch 2 (2.1-2.5), 6, 7, 8, 5
Precalculus 2	Sullivan and Sullivan	<u>Precalculus-Graphing and Data Analysis</u>	Ch 9, 10, 11, 12, 14

Off-Semester (if different than above)

Math Explorations	Holt	<u>Algebra 1</u>	Ch1-4
Algebra 1	Holt	<u>Algebra 1</u>	Ch 4-8
Algebra 2	Holt	<u>Algebra 1</u>	Ch 8-11
Geometry 1	Prentice Hall	<u>California Geometry</u>	Ch 1-6
Geometry 2	Prentice Hall	<u>California Geometry</u>	Ch 7-12

Honors/Courses Leading to Advanced Placement

9th Gr Geometry 1	Jurgensen	<u>Geometry</u>	Ch 1-5, 8.1, 8.2
9th Gr Geometry 2	Jurgensen	<u>Geometry</u>	Ch 6-12.4 less 8.1, 8.2
Accelerated Math 1H	Foerster	<u>Algebra and Trig</u>	Ch 1-7.6, 10.4 Syn Subs (4.7,4.8 opt)
Accelerated Math 2H	Foerster	<u>Algebra and Trig</u>	Ch 7.7-8, 10.1-10.4, 11-12 Appendix B, 15.1, 9-9.5 (last) (10.5-10.7 opt)
Geometry 1H	Moise and Downs	<u>Geometry</u>	Ch 1-7, 9, 11, 12 (Inc Logic, Implication, Converse, Inverse, Contrapositive, Truth Tables)
Geometry 2H	Moise and Downs	<u>Geometry</u>	Ch 8,10, 13, 14-19 (Inc Mathematical Induction)
Precalc 1H	Foerster Dolciani Fuller	<u>Precalculus with Trig</u> <u>Modern Algebra Bk 2</u> <u>Analytic Geometry (6th Ed)</u>	Ch 1-5 Ch 10-12 Ch 10
Precalc 2H	Fuller Dolciani Buchanan	<u>Analytic Geometry (6th Ed)</u> <u>Modern Algebra Bk 2</u> <u>Limits</u>	Ch 1-9 Ch 9 All
Calculus 1AP/2AP – AB	James Stewart,	<u>Calculus with Early Transcendentals</u> ,	Thomson Brooks/Cole, c 2003, Chapt 1-6, 9 (Skip 2.4, 3.9, 4.4, 9.6, 9.7)
Calculus 1AP – BC	Stewart,	<u>Calculus w/ Early Transcendentals 5E</u> ,	Chapters 1-6
Calculus 2AP – BC	Stewart,	<u>Calculus w/ Early Transcendentals 5E</u> ,	Chapters 7-12.2, 13.1, 13.2
Statistics 1AP/2AP	– Yates, Moore, McCabe,	<u>The Practice of Statistics</u> ,	c 1999, Chap 1-14