

Tentative Course Schedule, Math170, Spring 2012

Mon	Wed	Thurs	Fri
Jan 2, 2012	Jan 4, 2012	Jan 5, 2012	Jan 6, 2012
(no class)	Introduction P.1, P.2: Real num, coords	Lab 1 Intro to Wolfram Alpha	Intro to modeling: Crickets project
Jan 9, 2012	Jan 11, 2012	Jan 12, 2012	Jan 13, 2012
P.3, P.4 Linear eqns, ineqs, graphs (Tomorrow: end of add/drop)	P.5, P.7 Solve eqns, ineqs	Lab 2 Ineqs, eqns in WA	1.1 Modeling Intro to <i>Mathematica</i> video (Exam 1: Take-home)
Jan 16, 2012	Jan 18, 2012	Jan 19, 2012	Jan 20, 2012
MLK (no class)	1.2 Functions, properties (Exam 1 due)	Lab 3 Functions	1.3 Basic functions
Jan 23, 2012	Jan 25, 2012	Jan 26, 2012	Jan 27, 2012
1.4 Building fcns 1.5 Parametric relns	1.5 (con't), 1.6 Graph transformations	Lab 4 Modeling w/ <i>Mathematica</i>	1.6 (con't), 1.7 Modeling
Jan 30, 2012	Feb 1, 2012	Feb 2, 2012	Feb 3, 2012
2.1, 2.2 Linear, quadratic, and power fcns	2.2 Power fcns (con't) Exercise 1	Lab 5 Power fcns, polys	P.6 Complex numbers
Feb 6, 2012	Feb 8, 2012	Feb 9, 2012	Feb 10, 2012
2.3 Polynomial fcns	2.3 (con't), 2.5 Fund. Thm of Algebra	Lab 6 Polynomials	2.5 (con't)
Feb 13, 2012	Feb 15, 2012	Feb 16, 2012	Feb 17, 2012
2.6 Rational fcns	2.7 Solving eqns Exercise 2	Lab 7 Rational fcns	2.7 (con't) 2.8 Solving ineqs
Feb 20, 2012	Feb 22, 2012	Feb 23, 2012	Feb 24, 2012
2.8 (con't) Review	Exam 2	Lab 8 Intro to math. writing	3.1 Expl, logistic fcns
Feb 27, 2012	Feb 29, 2012	Mar 1, 2012	Mar 2, 2012
Mid-term break (no class)	Mid-term break (no class)	Mid-term break (no class)	Mid-term break (no class)
Mar 5, 2012	Mar 7, 2012	Mar 8, 2012	Mar 9, 2012
3.2 Expl, logistic modeling	3.3 Logarithmic fcns	Lab 9 Exponential fcns	3.4 Props of logs (last day to withdraw)
Mar 12, 2012	Mar 14, 2012	Mar 15, 2012	Mar 16, 2012
3.5 Eqn solving, modeling	3.5 (con't) Exercise 3	Lab 10 Logarithmic fcns	3.6 Finance
Mar 19, 2012	Mar 21, 2012	Mar 22, 2012	Mar 23, 2012
4.1 Angles & measures	4.2 Trig fcns	Lab 11 Trig functions	4.3 Circular fcns
Mar 26, 2012	Mar 28, 2012	Mar 29, 2012	Mar 30, 2012
4.4 Sinusoids	4.5 More trig fcns Exercise 4	Lab 12 Trig functions (con't)	4.5 (con't) Review
Apr 2, 2012	Apr 4, 2012	Apr 5, 2012	Apr 6, 2012
Exam 3	4.7 Inverse trig fcns	Lab 13 Modeling	Good Friday (no class)
Apr 9, 2012	Apr 11, 2012	Apr 12, 2012	Apr 13, 2012
4.8 Problem-solving with trig	5.1 Fund trig ids	Lab 14 Modeling (con't)	5.3 Sum/difference ids (last day of class)

Final Exam: Tuesday April 17, 10:30 am