**Math 112 Spring 2010, <span style="color:red">revised for snow</span> University of Maryland, College Park**

| Date(s) | Material covered in class | Textbook Assignment due <u>next</u> class (Unless otherwise specified, do only the odd-numbered problems.) Homework always includes reading the appropriate sections! |
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| M, 25 Jan | P.2, P.3 | P.2: 3, 5, 11-63, 109;  P.3: 1-19, 23-43, 55-73, 83-99, 113, 119 |

**Note:  You are also responsible for other sections of chapter P.  Read/review sections P.1, P.4 and P.5.**

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| W, 27 Jan | P.6 | 3, 5, 15, 19, 23, 33, 43, 53, 61, 65 |
| F, 29 Jan | 1.2 | 13, 21, 29, 37, 41-45, 51, 55, 57, 93 **\*Watch for extraneous solutions!** |
| M, 1 Feb | 1.3 | 21, 41, 45, 47, 57, 65, 71, 73, Read 1.5,  **\*Know the quadratic formula.** |
| W, 3 Feb | 1.5a | 3, 9, 11, 15, 23, 25, 33, 69, 73, 89, 93, 105, 107, 109, 111, 121 |
| M, 15 Feb | 1.5b, 1.6, 1.7 | 1.5: 131, 142, 147, 151, 177,  \*Do pp. 31-33 in the Resource Manual    1.6: 13, 33, 37 1.7: 1, 3, 9, 11, 35, 39, 45, 55, 57, 127, 131 |
| W, 17 Feb | 2.1 | 1, 3, 11-21, 27, 31, 35, 39, 45, 49-63, 65, 85, 89, 93, 101, 105, 106 |
| F, 19 Feb | 2.2 | 3, 5, 7, 13, 33, 57, 59, 71, 73, 83, 85 |
| M, 22 Feb | 2.3, 2.4 | 2.3: 1-9, 13, 15, 17, 18, 27-37, 41, 45-61, 67, 69, 71, 79, 87, see pp. 39-41 Res. Manual 2.4: 7, 9, 17, 21, 25, 31, 43  **\*Know vertical, horizontal, parallel, perpendicular lines.** |

**Practice Test 1, handed out today, will be due next class. Work on other pieces of paper and photocopy your originals to turn in; save your original for review.** Also see Resource Manual pp. 27-27 and 123-135.

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| W, 24 Feb | review | Old exams: "Resources" at http://www.math.umd.edu/undergraduate |
| F, 26 Feb | **TEST I** | **\*Only scientific calculators allowed; no graphing calculators; no cell phones** |
| M, 1 Mar | 2.5, 2.6a | 2.5: 53-77, 81-93, 103, 105   2.6: 1-13, 17, 19, 25, 27 |

**Memorize the first 6 common  graphs found in section 2.5. Sketch graphs in this chapter without a graphing calculator; use the calculator only for checking. NO CALCULATORS OF ANY TYPE WILL BE ALLOWED ON TEST II.**

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| W, 3 Mar | 2.6b, 2.7 | 2.6: 33, 39, 41, 43, 49, 53, 59, 65, 69, 71, 97, **\*Read 2.7 & bring Res. Man. to next class.** 2.7: 1, 7, 10, see Res. Man. pp. 53-55 parts C and D-2, \*Do pp. 43-45 in the Res. Man. |
| F, 5 Mar | 2.8 | 5, 9, 11, 15, 23, 27, 37, 41, 51, 67, 69, 73 |
| M, 8 Mar | 3.1a | 1, 7, 11, 15, 17, 21, 27, 37, 41, 57,  **\*worksheet 3.1a to be turned in next class** |
| W, 10 Mar | 3.1b | 71, **\*worksheet 3.1b to be turned in next class** |
| F, 12 Mar | 3.2a | 1, 3, 7-19, 23 |
| M, 22 Mar | 3.2b | 25, 47, 49, 53, 59, 65, 67, 69, 83, 85, 87, **\*worksheet 3.2 to be turned in next class** |
| W, 24 Mar | 3.5a | 5, 7, 15-20 all, 21, 25, 27, 29, 35, **\*Resource Manual pp. 61-63, #1-9 due next class** |

**Practice Test 2, handed out today, will be due next class. Work on other pieces of paper and photocopy your originals to turn in; save your original for review.** Also see Resource Manual pp. 43-59, pp. 61-63 #1-10, p. 67 #1-9, and 137-149.

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|---|---|---|
| F, 26 Mar | review | Old exams: "Resources" at http://www.math.umd.edu/undergraduate |
| M, 29 Mar | **TEST II** | **NO CALCULATORS OF ANY TYPE WILL BE ALLOWED ON TEST II** |
| W, 31 Mar | 3.5b | 51, 53, 55, 59, 93, 95 |
| F, 2 Apr | 4.1 | 3, 9-23, 27, 29, 31, 35, 47, 65 |
| M, 5 Apr | 4.2 | 1, 3, 7-15, 19, 23-29, 35-39, 43-99, \*Do Resource Manual pp. 63-65 #11-12 |
| W, 7 Apr | 4.3 | 1, 5, 9, 11, 15, 17, 21, 23, 27, 29-33, 41, 43, 51, 53, 63, 71, 73, 77, 103 |
| F, 9 Apr | 4.4 | 5, 11, 21, 27, 31, 33, 37, 39, 53, 55, 57, 59, 67-73, 79, 101, 109, 111 |
| M, 12 Apr | 4.5 | 1, 3, 5, 21, 23, 25, 27, 33, 35, 37, **\*worksheet 4.5 to be turned in next class** |
| W, 14 Apr | 5.1 | 1-5, 11, 13, 17, 21, 25, 31, 35, 43, 45, 51-55, 59, 65, 73, 87-93, 111 |
| F, 16 Apr | 5.2 | 1, 7, 9, 11-15, 16, 17, 23-29, 33-37, 41, 45, 53-61, 75, 79 |
| M, 19 Apr | 5.3 | 10, 11, 12, 14, 16, 17, 21, 25, 27, 31-35, 39, 43, 45, 51, 63-69, 75,77 |
| W, 21 Apr | 5.4 | 1, 7, 21, 31, 43, 45, 46 |
| F, 23 Apr | 6.5, 5.5a | 6.5: 11, 15  (plus webassign!)    5.5: 3, 9, 11, 15, 19 |
| M, 26 Apr | 5.5b | 33, 37, 45, 55, 75-81, 85 |

**Practice Test 3, handed out today, will be due next class. Work on other pieces of paper and photocopy your originals to turn in; save your original for review.** Also see Resource Manual p. 67 #11-15, pp. 69-71, p. 151 #1a,b,3-5, p. 157 #1,3a,c,4,6.

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| W, 28 Apr | review | Old exams: "Resources" at http://www.math.umd.edu/undergraduate |
| F, 30 Apr | **Test 3** | **\*Only scientific calculators allowed; no graphing calculators; no cell phones** |
| M, 3 May | 5.8 | 1, 3, 7, 13-16 all, 41, 45, 47, 49, 51-55 all, 57, 58 |
| W, 5 May | 7.1 | 3, 7, 11, 47, 49, 59 |
| F, 7 May | 7.2 | 1, 7, 17, 19, 39 |

**A Practice Final, handed out today, will be due next class. Work on other pieces of paper and photocopy your originals to turn in; save your original for review.** Also see the sample exams in the Resource Manual.

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| M, 10 May | review | Old exams: "Resources" at http://www.math.umd.edu/undergraduate |
| **Th, 13 May** | **Final Exam** | **1:30 – 3:30 pm – room to be announced** |

Note that this is the uniform time for all Math 100- and 200- level courses.