

# [math 111 schedule]

(FALL TERM 2016)

|                                      | monday                                      | tuesday                                     | wednesday | thursday                              | friday                                  |
|--------------------------------------|---|---|-----------|---------------------------------------|---|
| <b>week I</b><br>(sept. 26 – 30)     | Syllabus<br>+interval notation<br>+inc/dec  | piecewise                                   |           | difference<br>quotient<br>+quadratics | <b>quadratics</b><br>+[skills test]     |
| <b>week II</b><br>(oct. 3 – 7)       | lose ends on<br>review<br>(quadratics)      | section 4.1<br>(extrema)                    |           | section 4.2<br>(end behavior)         | section 4.3<br>(poly div.)<br>+quiz     |
| <b>week III</b><br>(oct. 10 – 14)    | section 4.4<br>(real zeros)                 | section 4.4<br>(real zeros)                 |           | section 4.4<br>(in-class work)        | section 4.5<br>(FTA)<br>+quiz           |
| <b>week IV</b><br>(oct. 17 – 21)     | section 4.5<br>(FTA)                        | section 4.5<br>(in-class work)              |           | section 4.6<br>(rational f(x))        | section 4.6<br>(rational f(x))<br>+quiz |
| <b>week V</b><br>(oct. 24 – 28)      | section 4.7<br>(polynomial<br>inequalities) | section 4.7<br>(polynomial<br>inequalities) |           | section 4.8<br>(powers of x)          | review<br>+quiz                         |
| <b>week VI</b><br>(oct. 31 – nov. 4) | <b>EXAM I</b>                               | section 5.1<br>(composition)                |           | section 5.2<br>(inverse f(x))         | section 5.2<br>(inverse f(x))           |
| <b>week VII</b><br>(nov. 7 – 11)     | section 5.3<br>(exp f(x))                   | section 5.3<br>(exp f(x))                   |           | section 5.3<br>(in-class work)        | section 5.4<br>(log f(x))<br>+quiz      |
| <b>week VIII</b><br>(nov. 14 – 18)   | section 5.4<br>(log f(x))                   | section 5.5<br>(LOLs)                       |           | section 5.6<br>(exp/log eqs.)         | section 5.6<br>(exp/log eqs.)<br>+quiz  |
| <b>week IX</b><br>(nov. 21 – 25)     | review                                      | <b>EXAM II</b>                              |           | <b>[THANKSGIVING BREAK]</b>           |   |
| <b>week X</b><br>(nov. 28 – dec. 2)  | section 5.7<br>(regression)                 | section 3.5<br>(transforms)                 |           | review for final                      | review for final                        |
| <b>finals week</b><br>(dec. 5 – 9)   | <b>FINAL EXAM</b>                           |   |           |                                       |   |