## [math 111 schedule]

 (FALL TERM 2017)|  | monday | tuesday | wednesday | thursday | friday |
| :---: | :---: | :---: | :---: | :---: | :---: |
| $\begin{gathered} \text { week I } \\ \text { (sept. 25-29) } \end{gathered}$ | Syllabus +interval notation + inc/dec | piecewise |  | difference quotient +quadratics | quadratics |
| $\begin{gathered} \text { week II } \\ \text { (oct. 2-6) } \end{gathered}$ | section 4.1 <br> (extrema) | section 4.2 (end behavior) |  | section 4.3 <br> (poly div.) | section 4.4 <br> (real zeros) <br> +quiz |
| $\begin{aligned} & \text { week III } \\ & \text { (oct. } 9-13 \text { ) } \end{aligned}$ | section 4.4 <br> (real zeros) | section 4.4 <br> (flex day) |  | section 4.5 <br> (FTA) | section 4.5 <br> (FTA) <br> +quiz |
| $\begin{gathered} \text { week IV } \\ \text { (oct. } 16-20 \text { ) } \end{gathered}$ | section 4.6 (rational $f(x)$ ) | section 4.6 (rational $f(x)$ ) |  | section 4.7 <br> (polynomial <br> inequalities) | section 4.7 (polynomial inequalities) +quiz |
| $\begin{gathered} \text { week V } \\ \text { (oct. } 23-27 \text { ) } \end{gathered}$ | section 4.7 (polynomial inequalities) | section 4.8 (powers of $x$ ) |  | review | EXAM I |
| $\begin{gathered} \text { week VI } \\ \text { (oct. } 30-\text { nov. 3) } \end{gathered}$ | section 5.1 (composition) | section 5.2 <br> (inverse f(x)) |  | section 5.2 <br> (inverse f(x)) | $\begin{gathered} \text { section } 5.3 \\ (\exp f(x)) \end{gathered}$ |
| $\begin{gathered} \text { week VII } \\ \text { (nov. 6-10) } \end{gathered}$ | $\begin{gathered} \text { section } 5.3 \\ (\exp f(x)) \end{gathered}$ | section 5.3 <br> (in-class work) |  | $\begin{gathered} \text { section } 5.4 \\ (\log f(x)) \end{gathered}$ | $\begin{gathered} \text { section } 5.4 \\ (\log f(x)) \\ +q u i z \end{gathered}$ |
| $\begin{gathered} \text { week VIII } \\ \text { (nov. } 13-17 \text { ) } \end{gathered}$ | $\begin{gathered} \text { section } 5.4 \\ (\log f(x)) \end{gathered}$ | $\begin{aligned} & \text { section } 5.5 \\ & \text { (LOLs) } \end{aligned}$ |  | $\begin{gathered} \text { section } 5.6 \\ \text { (exp/log eqs.) } \end{gathered}$ | $\begin{gathered} \text { section } 5.6 \\ (\exp / \log \text { eqs.) } \\ + \text { quiz } \end{gathered}$ |
| $\begin{gathered} \text { week IX } \\ \text { (nov. 20-24) } \end{gathered}$ | review | EXAM II |  | [THANKSGI | NG BREAK] |
| $\begin{gathered} \text { week } \mathbf{X} \\ \text { (nov. } 27-\text { dec. 1) } \end{gathered}$ | section 5.7 <br> (regression) | section 3.5 (transforms) |  | review for final | review for final |
| finals week (dec. 4-8) | $\begin{aligned} & \text { FINAL EXAM } \\ & (12: 00-13: 50) \end{aligned}$ |  |  |  |  |

