Math 129
January 14 - May 6, 2015
(MWF)

| Monday | Tuesday | Wednesday | Thursday | Friday |
| :---: | :---: | :---: | :---: | :---: |
|  |  | Jan14 <br> 7.1-Integration by Substitution <br> First day of classes | Jan 15 | Jan 16 <br> 7.2-Integration by Parts |
| $\text { Jan } 19$ <br> Martin Luther King, Jr. Day No School | Jan 20 | Jan 21 <br> 7.2-Integration by Parts | Jan 22 | $\text { Jan } 23$ <br> 7.3-Tables of Integrals |
| $\begin{gathered} \text { Jan } 26 \\ \text { 7.4-Partial Fractions } \\ \text { \& Trig Sub } \end{gathered}$ | Jan 27 | $\begin{gathered} \hline \text { Jan } 28 \\ \text { 7.4-Partial Fractions } \\ \text { \& Trig Sub } \\ \text { Last Day to Drop with } \\ \text { Deletion from Record } \\ \hline \end{gathered}$ | Jan 29 | $\begin{gathered} \text { Jan } 30 \\ \text { 7.4-Partial Fractions } \\ \text { \& Trig Sub } \end{gathered}$ |
| Feb 2 <br> 7.5-Numerical Methods | Feb 3 | $\text { Feb } 4$ <br> Review | Feb 5 | Feb 6 <br> EXAM 1 |
| Feb 97.6-Improper <br> Integrals | Feb10 <br> Last Day to Apply for GRO | $\begin{aligned} & \text { Feb 11 } \\ & \text { 7.6-Improper } \\ & \text { Integrals } \end{aligned}$ | Feb 12 | Feb 13 <br> 7.7-Comparison of Improper Integrals |
| Feb 16 <br> 7.7-Comparison of Improper Integrals | Feb 17 | $\begin{gathered} \text { Feb } 18 \\ \text { 8.1-Areas \& } \\ \text { Volumes } \end{gathered}$ | Feb 19 | Feb 20 <br> 8.2-Applications to Geometry |
| Feb 238.2-Applications to <br> Geometry | Feb 24 | Feb 25 <br> 8.2-Applications to Geometry 8.4-Density | Feb 26 | Feb 27 <br> 8.4-Density |
| Mar 2 <br> Review | Mar 3 | $\begin{gathered} \text { Mar } 4 \\ \text { EXAM } 2 \end{gathered}$ | Mar 5 | Mar 6 <br> 8.5-Applications to Physics |
| Mar 9 <br> 8.5-Applications to Physics | Mar 10 | Mar 11 <br> 9.1-Sequences | Mar 12 | Mar 13 9.2-Geometric series |

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| Mar 16 | $\begin{aligned} \text { Mar } 17 \\ \text { S p r i } \end{aligned}$ | $$ | $\begin{aligned} & \quad \text { Mar } 19 \\ & \text { e a } \mathrm{k} \end{aligned}$ | Mar 20 |
| Mar 239.3-Convergence of <br> series | Mar 24 | Mar 25 <br> 9.3-Convergence of series 9.4-Tests for Convergence | Mar 26 | $\text { Mar } 27$ <br> 9.4-Tests for Convergence |
| Mar 30 <br> 9.5-Power Series \& Intervals of Convergence | Mar 31 <br> Last Day to Withdraw Using UAccess | $\text { Apr } 1$ <br> 9.5-Power Series \& Intervals of Convergence | Apr 2 | $\begin{aligned} & \text { Apr } 3 \\ & \text { Review } \end{aligned}$ |
| $\begin{gathered} \text { Apr } 6 \\ \text { EXAM } 3 \end{gathered}$ | Apr 7 | $\begin{gathered} \text { Apr } 8 \\ \begin{array}{c} \text { 10.1-Taylor } \\ \text { polynomials } \end{array} \end{gathered}$ | Apr 9 | $\text { Apr } 10$ <br> 10.2-Taylor series |
| Apr 13 <br> 10.2-Taylor series 10.3-Finding \& Using Taylor Series | Apr 14 | Apr 15 10.3-Finding \& Using Taylor Series | Apr 16 | Apr 17 10.3-Finding \& Using Taylor Series |
| Apr 20 <br> 11.1-What is a Differential Equation? | Apr 21 | Apr 22 11.4-Separation of Variables OR 11.2-Slope Fields | Apr 23 | Apr 24 <br> 11.4-Separation of Variables OR 11.2-Slope Fields |
| Apr 27 <br> 11.5-Growth \& Decay | Apr 28 | $\begin{aligned} & \text { Apr } 29 \\ & \text { Review } \end{aligned}$ | Apr 30 | $\begin{gathered} \text { May } 1 \\ \text { EXAM } 4 \end{gathered}$ |
| May 411.6-Applications <br> and modeling | May 5 | May 6 <br> Review <br> Last day of classes | May 7 | May 8 |
| May 11 FINAL EXAM 8:00-10:00 am | May 12 | May 13 | May 14 | May 15 |

