| Day | Date | Topic | Text <br> Reference | Exercise |
| :---: | :---: | :---: | :---: | :---: |
| 10 | Mon. Sept. 17 | 2.1 Determining Average Rates of Changes | pg 76 | pp.76-78 \#2, 6, 7, 10, 12, 13 |
| 11 | Tues. Sept. 18 | UNIT 1 SUMMATIVE |  |  |
| 12 | Wed. Sept. 19 | 2.2 Part 1 Estimating Instantaneous Rates of Change from Tables of Values and Equations | $\begin{aligned} & \text { pg } 79 \\ & \text { pg } 85 \end{aligned}$ | $\begin{aligned} & \text { pp. } 79-80 \mathrm{~A}-\mathrm{G} \\ & \text { p. } 85-88 \quad \# 1,2 \mathrm{a}, 3,8,14 \end{aligned}$ |
| 13 | Thurs. Sept. 20 | 2.2 Part 2 Estimating Instantaneous Rates of Change from Tables of Values and Equations | pg 86 | p. 86 \#2bc, 4a <br> Use "FIRST PRINCIPLES" FOR ALL RATE OF CHANGE CALCS <br> pp.86-89 \#4c, 5, 10* do not approximate $\mathrm{Pi}+$ Challenge given in class |
|  | Fri. Sept. 21 | (-) P.D. Day () |  |  |
| 14 | Mon. Sept. 24 | 2.4 Using Rates of Change to Create a Graphical Model | pg 103 | pp. 103-106 \#1, $2^{*}, 3$ to $9^{*}, 10,11,14$ in \#2, the answer in the back has a small error. Do you know what it is? Also, the answer for \#9 in the back has some mistakes. |
| 15 | Tues. Sept. 25 | Take-up homework <br> REVIEW DAY 1 | pg 116 <br> pg 118 | pp.116-117 \#2, 3, 5* an estimate is required only, $6 \mathrm{a}^{*}$ find the quadratic equation first then use the preceding interval method, 8 , $9,10,11 a b^{*}$ use first principles, 13 <br> p. 118 (45 minutes max) <br> \#1,2,3,4a* use first principles |
| 16 | Wed. Sept. 26 | 2.5 Solving Problems Involving Rates of Change | pg 111 | Use "FIRST PRINCIPLES" FOR ALL RATE OF CHANGE CALCS $\text { pp.111-113 \#1, 3, 4, 6c, 9a, 10, } 14$ |
| 17 | Thurs. Sept. 27 | REVIEW DAY 2 | pg 118 | p. 118 (45 minutes max) <br> \#1,2,3,4a* use first principles |
| 18 | Fri. Sept. 28 | Correct Review and begin Unit 3: <br> 3.1 Exploring Polynomial Functions | pp. 124-126 <br> pp. 127-128 | $\begin{aligned} & \mathrm{A}-\mathrm{F}, \mathrm{~K}, \mathrm{~L} \\ & \# 1,2,3 \mathrm{~d}, 5,7,8 \end{aligned}$ |
| 19 | Mon. Oct. 1 | 3.2 Characteristics of Polynomial Functions | pp. 129-131 <br> pp. 136-138 | $\begin{aligned} & \mathrm{A}-\mathrm{E}, \mathrm{G}-\mathrm{M} \\ & \# 1 \mathrm{ab}, 2 \mathrm{ab}, 3,4 \mathrm{abf}, 5,7 \mathrm{ad}, 10 \\ & 13,14,16 \end{aligned}$ |
| 20 | Tues. Oct. 2 | UNIT 2 SUMMATIVE |  |  |

