Text: Calculus - Early Transcendentals, Single Variable CUSTOM 6th EDITION - Purdue University, by James Stewart (Thomson - Brooks/Cole)

| Lesson | Section | Homework Assignment (non-online problems are boxed) |
| :---: | :---: | :---: |
| 2 3 | $\begin{aligned} & 12.1 \\ & 12.2 \\ & 12.2 \\ & 12.3 \end{aligned}$ | $\begin{aligned} & \text { p769:\# 6, 7, 11, 14, 16, 26, 29 } \\ & \text { p777:\# 3, 5, 6 } \\ & \text { p777:\# 11, 13, 17, 19, 21, 22, 24, 31 } \\ & \text { p784:\# 5, 8, 9, 19, 23, 26, 29, 35, 37, 40, } 48 \end{aligned}$ |
| 4 5 | $\begin{gathered} 12.4 \\ 6.1 \end{gathered}$ | $\begin{aligned} & \text { p792:\# 1, 4, 5, 14, 16, 17, 19, 22, 23, 27, 30, 33 } \\ & \text { p420:\# 2, 3, 7, 10, 16, 21, 23 } \end{aligned}$ |
| $\begin{aligned} & 6 \\ & 7 \\ & 8 \end{aligned}$ | $\begin{aligned} & 6.2 \\ & 6.3 \\ & 6.4 \\ & 6.5 \end{aligned}$ | $\begin{aligned} & \text { p430:\# 3, 5, 9, 12, } 33,51,56,58 \\ & \text { p436:\# 3, 6, 13, 20, 25, 29, } 37,45 \\ & \text { p441:\# 2, 3, 7, 10, 19, 21 } \\ & \text { p445:\# 9, 17 } \end{aligned}$ |
| $\begin{gathered} 9 \\ 10 \\ 11 \end{gathered}$ | $\begin{aligned} & 7.1 \\ & 7.2 \\ & 7.3 \end{aligned}$ | $\begin{aligned} & \text { p457:\# 1, 3, 4, 8, 10, 17, 19, 22, 33, 43, 57 } \\ & \text { p465:\# 1, 7, 8, 13, 17, 22, 24, 29, 61, 68 } \\ & \text { p472:\# 2, 3, 4, 6, 15, 22 } \end{aligned}$ |
| 12 | 7.3 | p472:\# 16, 18, 19, 23, 26, 27 |
| $\begin{aligned} & 13 \\ & 14 \\ & 15 \end{aligned}$ | $\begin{aligned} & \hline 7.4 \\ & 7.4 \\ & 7.6 \\ & 7.7 \\ & \hline \end{aligned}$ | $\begin{aligned} & \text { p481:\# 1, 4a, }, 7,10,15,20 \\ & \text { p481:\# 3, 4b }, 25,26,35,39,63 \\ & \text { p493:\# 4, 6, 7, 18, 21 } \\ & \text { p505:\# 7, 8 } \end{aligned}$ |
| 16 17 18 | $\begin{aligned} & 7.8 \\ & 8.1 \\ & 8.2 \\ & 8.3 \end{aligned}$ | $\begin{aligned} & \text { p515:\# 5, 6, 14, 15, 21, 27, 28, 29, 31, 42, 49, 52 } \\ & \text { p530:\# 6 , 7, 9, 12, 15 } \\ & \text { p537:\# 1, 3, 5, 9, 14 } \\ & \text { p547:\# 23, 25, 28, 31, 34, 35, 45, } 46 \text { (moments and centers of mass only) } \end{aligned}$ |
| $\begin{aligned} & \hline 19 \\ & 20 \\ & 21 \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 11.1 \\ & 11.2 \\ & 11.3 \\ & \hline \end{aligned}$ | $\begin{aligned} & \text { p684:\# 4, 5, 9, 17, 18, 22, 25, 29, 33, 37, 59, 61, } 62,64 \\ & \text { p694:\# 1, 2, 4, 5, 6, 9, 17, 18, 23, 25, 47, 48 (omit telescoping series) } \\ & \text { p703:\# 3, 4, 7, 8, 9, 10, 11, 15, 21 } \end{aligned}$ |
| 22 | 11.4 | p709:\# 1, 2, 3, 4, 5, 6, 11, 16, 17, 20, 22, 27, 31 |
| $\begin{aligned} & 23 \\ & 24 \\ & 25 \end{aligned}$ | $\begin{aligned} & 11.5 \\ & 11.6 \\ & 11.6 \\ & 11.7 \end{aligned}$ | $\begin{aligned} & \mathrm{p} 713: \# 3,4,5,8,11,14,18,23,27 \\ & \text { p719:\# 1, } 3,5,6,8,13,14,17,19,29,31 \\ & \text { p719:\# 20, 23 } \\ & \text { p722:\# 1, 2, 3, 4, 5, } 6,7,8,11,24,25 \end{aligned}$ |
| $\begin{aligned} & 26 \\ & 27 \\ & 28 \end{aligned}$ | $\begin{gathered} \hline 11.8 \\ 11.9 \\ 11.10 \\ \hline \end{gathered}$ | $\begin{aligned} & \mathrm{p} 727: \# 3,4,5,6,7,9,10,16,19 \\ & \mathrm{p} 733: \# 1,2,3,7,8,9,11,13,15,23,27 \\ & \mathrm{p} 746: \# 1,2 \mathrm{a}, 7,8,13,15,19,43 \end{aligned}$ |
| $\begin{aligned} & 29 \\ & 30 \\ & 31 \end{aligned}$ | $\begin{gathered} 11.10 \\ 11.10 \\ 10.1 \end{gathered}$ | $\begin{aligned} & \text { p746:\# 29, 30, 31, 37, 47, } 56 \text { (up to binomial series) } \\ & \text { p746:\# 25, 26, 28, 36, 45, 46 (binomial series) } \\ & \text { p626:\# 3, 5, 8, 13, 16, 33, } 46 \end{aligned}$ |
| 32 | 10.2 | p636:\# 1, 2, 3, 6, 12, 15, 38, 39, 41, 42, 51 |
| $\begin{array}{r} 33 \\ 34 \\ 35 \\ \hline \end{array}$ | $\begin{aligned} & 10.3 \\ & 10.3 \\ & 10.5 \\ & \hline \end{aligned}$ | $\begin{aligned} & \text { p647:\# 1, 3, 5, 6, 8, 9, 10, 15, 16, 17, 21, } 24 \\ & \text { p647:\# 29, 30, 31, 32, 33, 34, 35, 38 } \\ & \text { p660:\# 1, 11, 19, 21, 23 } \end{aligned}$ |
| 36 | Appendix H | pA64:\# 2, 3, 5, 7, 12, 14, 16, 20, 25, 26 |

