

Text: James Stewart *Calculus, Calculus, Early Transcendentals, Fifth Edition.*

| WEEK  | DAY | LESSON                                                              | SECTION        | STUDY                   | HOMEWORK ASSIGNMENT                                                                                                                                                                                                                                      |
|-------|-----|---------------------------------------------------------------------|----------------|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 8/22  | M   | 1                                                                   | 1.1            | all                     | p22:2,6,8,19,21,24,25,27,31,33,35,37,39,41,44,48,51                                                                                                                                                                                                      |
|       | Tu  | 2                                                                   | 1.3            | omit Ex.4 & Ex.5        | p45:1,15,16,31,35,37,45,46,49                                                                                                                                                                                                                            |
|       | W   | 3                                                                   | App. D<br>+1.5 | all<br>omit Appl.Exp. F | pA32:6,9,13,27,29,32,35,36,37,46,65,69<br>p62:7,9,13,17                                                                                                                                                                                                  |
|       | Th  | <b>Quiz 1 covers App.A and App.B</b>                                |                |                         | Review exercises:pA9:4,5,9,11,16,21,30,34,47,52,53<br>p.A15:3,9,23,26,27,29,31,33,35,37,39                                                                                                                                                               |
|       | F   | 4                                                                   | 1.6            | beg.-p71, omit Ex.11    | p74:5,6,11,12,20,23,26,39,40,48,49                                                                                                                                                                                                                       |
| 8/29  | M   | 5                                                                   | 2.1<br>+2.2    | all<br>all              | p91: 3,8<br>p102: 4,9,12,13,15,23,25,29                                                                                                                                                                                                                  |
|       | T   | 6                                                                   | 2.3            | all                     | p111: 1-6,9,10,11,13,17,20,23,26,37,39,40                                                                                                                                                                                                                |
|       | W   | 7                                                                   | 2.5            | omit Ex. 7              | p133: 3,4,15,16,18,21,23,33,42,45,47,48,49,61                                                                                                                                                                                                            |
|       | Th  | <b>Quiz 2 covers lessons 1-4 except App.D</b>                       |                |                         | Review exercises:p22:7,32,34,42,50,<br>p45: 3,10,32,36,48; p74: 8,9,27,47b,50                                                                                                                                                                            |
|       | F   | 8                                                                   | 2.6            | beg.- Ex. 10            | p146:4,6,11,12,26,31,33,34                                                                                                                                                                                                                               |
| 9/5   | M   | <b>LABOR DAY HOLIDAY</b>                                            |                |                         |                                                                                                                                                                                                                                                          |
|       | Tu  | 9                                                                   | 2.7<br>+2.8    | all<br>omit. Ex.3       | p155: 1,2,5,8,11,18,27<br>p163: 3,7,8,13,19,22                                                                                                                                                                                                           |
|       | W   | 10                                                                  | 2.9            | omit Ex.2               | p173: 4ab,9,10,27,30,37                                                                                                                                                                                                                                  |
|       | Th  | <b>Quiz 3 covers lessons 5-7 and App.D</b>                          |                |                         | Review exercises:pA32:15,31,48,67; p111: 7,14,28,36;<br>p133: 17,19,20,24,32                                                                                                                                                                             |
|       | F   | 11                                                                  | 3.1            | all                     | p191: 8,11,17,20,22,29,46                                                                                                                                                                                                                                |
| 9/12  | M   | 12                                                                  | 3.2            | all                     | p197: 3-7,15,17,23,33,42                                                                                                                                                                                                                                 |
|       | Tu  | 13                                                                  | 3.4            | all                     | p216: 3,4,6,10,12,15,17,23,35,38,40                                                                                                                                                                                                                      |
|       | W   | 14                                                                  | 3.5            | beg.-Ex.6               | p224: 1,2,3,5,7,11,13,14,19,22,23,30                                                                                                                                                                                                                     |
|       | Th  | <b>Quiz 4 covers lessons 7-11</b>                                   |                |                         | Review exercises: p133: 50; p146: 17,18,21<br>p155: 10,20b; p163: 15,21; p173: 7,25; p191:12,24,47                                                                                                                                                       |
|       | F   | Review for Exam 1<br>Do the review exercises before going to class  |                |                         | Review exercises: pA32: 33,47,50,68,70;<br>p78: 5,12-14,17-19,23,24,25ab,26abc;<br>p133:41; p146:37,39;p177: 4-7,9,10,15,17,19-21,31,33,36;<br>p163: (use definition of derivative) 18,20,25;<br>p173: 24; p191:14,45; p197: 12,13,24;p216:7,11,14,18,36 |
| 9/19  | M   | <b>Exam 1, 9/19/05, 6:30-7:30pm</b> covers lessons 1-13<br>NO CLASS |                |                         |                                                                                                                                                                                                                                                          |
|       | Tu  | 15                                                                  | 3.5            | Ex. 7-Ex.9              | p224: 24,29,33,36,37,44,51,53,66,70ab                                                                                                                                                                                                                    |
|       | W   | 16                                                                  | 1.6            | p72-end                 | p77: 63,64a,65,66b,67,68a,69,70                                                                                                                                                                                                                          |
|       | Th  | Return and discuss graded Exam 1                                    |                |                         |                                                                                                                                                                                                                                                          |
|       | F   | 17                                                                  | 3.6            | all                     | p233: 6,7,12,15,17,26,30,41,43,44,45,53                                                                                                                                                                                                                  |
| 9/26  | M   | 18                                                                  | 3.7            | all                     | p240: 8,10,13,17,24,25,29,35,48,51                                                                                                                                                                                                                       |
|       | Tu  | 19                                                                  | 3.8            | omit log. diff.         | p249: 2,4,7,8,9,13,16,21,24,26,32<br>Use sol. 2 of Ex. 8: 39,40,44                                                                                                                                                                                       |
|       | W   | 20                                                                  | 3.9<br>+3.10   | beg.-Ex. 2<br>Ex. 1     | p254: 1,2,7,8,31,32<br>p260: 1-4                                                                                                                                                                                                                         |
|       | Th  | <b>Quiz 5 covers lessons 14-17</b>                                  |                |                         | Review exercises:p224: 6,21,25,32,39,40,45,55<br>p233:10,13,18,25,39; p77: 63,68a,72                                                                                                                                                                     |
|       | F   | 21                                                                  | 3.10           | Ex.2 - p258             | p260: 5,6,7,8,20,23,27                                                                                                                                                                                                                                   |
| 10/3  | M   | 22                                                                  | 3.10           | Ex. 4-end               | p260: 9,11,14,16,24,31                                                                                                                                                                                                                                   |
|       | Tu  | 23                                                                  | 3.11           | beg.-Ex. 2              | p267: 5-8,48a; p260: 18,28,33,34                                                                                                                                                                                                                         |
|       | W   | 24                                                                  | 3.11           | p265-Ex.4               | p267: 17-19,29,use lin. approx: 31,32,33,36                                                                                                                                                                                                              |
|       | Th  | <b>Quiz 6 covers lessons 17-21</b>                                  |                |                         | Review exercises: p233: 43,46; p240: 15,20,43<br>p249: 15,29,41; p260: 15; p271: 92                                                                                                                                                                      |
|       | F   | 25                                                                  | 4.1            | beg.-p283               | p285: 3,5,7,8,13,32,37,38,45                                                                                                                                                                                                                             |
| 10/10 | M   | <b>OCTOBER BREAK</b>                                                |                |                         |                                                                                                                                                                                                                                                          |
|       | Tu  | <b>OCTOBER BREAK</b>                                                |                |                         |                                                                                                                                                                                                                                                          |
|       | W   | 26                                                                  | 4.1            | closed Int. Method-end  | p285: 11,18,24,48,51,54,57,59                                                                                                                                                                                                                            |
|       | Th. | <b>Quiz 7 covers Lessons 22-24</b>                                  |                |                         | Review exercises: p260: 12,13,17<br>p267: 9,10,38; p271: 91                                                                                                                                                                                              |
|       | F   | Review for Exam 2<br>Do the review exercises before going to class  |                |                         | Review exercises p224:8,12,16,34;<br>p233:9,29,50;p77:65,71; p240:19,47;<br>p249:20,45; p260:19; p271:10,94,95; p267:15,16,37                                                                                                                            |

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|       |                                     |                                                               |         |                           |                                                   |
|-------|-------------------------------------|---------------------------------------------------------------|---------|---------------------------|---------------------------------------------------|
| 10/17 | M                                   | <b>EXAM 2, 10/17/05, 6:45 – 7:45pm, covers lessons 14 -24</b> |         |                           |                                                   |
|       |                                     | <b>NO CLASS</b>                                               |         |                           |                                                   |
|       | Tu                                  | 27                                                            | 4.2     | all                       | p295: 2,5,12,15,17,24,30                          |
|       | W                                   | 28                                                            | 4.3     | beg.-p298                 | p304: 1ab,6,11ab                                  |
|       | Th                                  | Return and discuss graded Exam 2                              |         |                           |                                                   |
|       | F                                   | 29                                                            | 4.3     | p299-end                  | p304: 1cde,4,7,12,15,17,21,33,36                  |
| 10/24 | M                                   | 30                                                            | 4.4     | beg.-Ex.4                 | p313: 5,8,9,10,15,16,21,23,25,26,27,30            |
|       | Tu                                  | 31                                                            | 4.4     | after Ex.4-end            | p313: 36,37,38,42,44,45,46,51,54,57,67,68         |
|       | W                                   | 32                                                            | 4.5     | beg.-Ex.3                 | p323: 1,4,9                                       |
|       | Th                                  | <b>Quiz 8 covers lessons 26-29</b>                            |         |                           |                                                   |
|       |                                     |                                                               |         |                           | Review exercises: p285: 21,53; p295: 25           |
|       |                                     |                                                               |         |                           | p304: 14,22,37                                    |
|       | F                                   | 33                                                            | 4.5     | Ex. 4-end                 | p323: 13,35,41,48,49                              |
| 10/31 | M                                   | 34                                                            | 4.7     | beg.-Ex. 3                | p336: 1,2,7,16,28,30                              |
|       | Tu                                  | 35                                                            | 4.7     | Ex.4-end                  | p336: 19,22,25,33                                 |
|       | W                                   | 36                                                            | 4.7     | all                       | p336: 37,41,44,56                                 |
|       | Th                                  | <b>Quiz 9 covers lessons 39-33</b>                            |         |                           |                                                   |
|       |                                     |                                                               |         |                           | Review exercises: p313:7,17,28,29,32,33,41,48,52  |
|       |                                     |                                                               |         |                           | p323: 15,43,44                                    |
|       | F                                   | 37                                                            | 4.10    | omit The Geom.Of Antider. | p358:2,7,12,14,15,21,26,29,36,59,62,66            |
| 11/7  | M                                   | 38                                                            | 5.1     | beg.-Ex.3                 | p378: 3,4,5,17                                    |
|       | Tu                                  | 39                                                            | 5.2     | omit p383-p385            | p390:3,5,17,19,35,36,41,42,47,49,53,54            |
|       | W                                   | 40                                                            | 5.3     | all                       | p402: 3,7,12-14,19,24-26,28,30,35,38,49,68        |
|       | Th                                  | <b>Quiz 10 covers lessons 34-37</b>                           |         |                           |                                                   |
|       |                                     |                                                               |         |                           | Review exercises: p336: 10,14a,29                 |
|       |                                     |                                                               |         |                           | p358: 13,23,27,34,37,60,74                        |
|       | F                                   | Review for Exam 3                                             |         |                           | Review exercises: p285: 61; p295: 29              |
|       |                                     |                                                               |         |                           | p304: 13,23,34; p313: 11,18,43,50,53; p323: 12,45 |
|       |                                     |                                                               |         |                           | p336:14b,15,24,35; p358:8,20,32,39,61;p431:5      |
| 11/14 | M                                   | <b>EXAM 3, 11/14/05, 7-8 pm, covers lessons 26-38</b>         |         |                           |                                                   |
|       |                                     | <b>NO CLASS</b>                                               |         |                           |                                                   |
|       | Tu                                  | 41                                                            | 5.4     | beg.-Ex.6                 | p411: 1,2,10-14,30,33,39,45,56                    |
|       | W                                   | 42                                                            | 5.5     | beg.-Ex.6                 | p420: 2,5,11,12,21,32,36,37                       |
|       | Th                                  | Return and discuss Ex. 3                                      |         |                           |                                                   |
|       | F                                   | 43                                                            | 5.5     | after Ex. 6-end           | p420: 49,52,56,58-60,64,66,79                     |
| 11/21 | M                                   | 44                                                            | 9.4     | beg.-Ex.2                 | p620: 1,2,4,5                                     |
|       | Tu                                  | 45                                                            | 9.4     | after Ex.2-Ex.3           | p620: 8,10,11,12                                  |
|       | <b>W,Th,F THANKSGIVING VACATION</b> |                                                               |         |                           |                                                   |
| 11/28 | M                                   | 46                                                            | 10.5    | parrabolas                | p690: 1,2,4,9,31                                  |
|       | Tu                                  | 47                                                            | 10.5    | ellipses                  | p690:11,12,14,17,37                               |
|       | W                                   | 48                                                            | 10.5    | hyperbolas                | p690: 19,20,21,43,44,47,52                        |
|       | Th                                  | <b>Quiz 11 covers lessons 39-45</b>                           |         |                           |                                                   |
|       |                                     |                                                               |         |                           | Review exercises:p390:20,48;p402:8,9,18,31,37     |
|       |                                     |                                                               |         |                           | p411:3,23;p420:3,15,25,27,53,65;p620:3,9          |
|       | F                                   | 49                                                            | 10.5    | shifted conics            | p690:7,10,15,23,24,33,41,46                       |
|       |                                     |                                                               | +App. C | shifted conics            |                                                   |
| 12/5  | M                                   | Review for final exam                                         |         |                           |                                                   |
|       | Tu                                  | Review for final exam                                         |         |                           |                                                   |
|       | W                                   | Review for final exam                                         |         |                           |                                                   |
|       | Th                                  | <b>Quiz 12 (not graded) covers lessons 46-49</b>              |         |                           |                                                   |
|       | F                                   | Review for final exam                                         |         |                           |                                                   |
|       |                                     |                                                               |         |                           | Review exercises: p690:3,8,13,16,22,34,39,45      |