

# MATH 1316-002 ASSIGNMENT SHEET SPRING 2018

| DATE                | TEXT                                                                                     | ASSIGNMENT                                                                                                                   | MyLabsPlus<br>HOMEWORK                       |
|---------------------|------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|
| W 01/17             | Class Welcome & Orientation<br>Limits (11.1)                                             | Page 578: 1, 3, 5, 7, 11-27 odd                                                                                              | Section 11.1: 1 - 9                          |
| M 01/22             | Limits (11.1 cont.)<br>One Sided Limits (11.2)                                           | Page 578: 31 - 45 odd; 53, 55, 57<br>Page 589: 1 -17 odd; 21<br>WB#s: 191 – 195, 197, 200, 201                               | Section 11.1: 10 – 17<br>Section 11.2: 1 – 7 |
| W 01/24             | Limits Involving Infinity (11.2 cont.)<br>Continuity (11.9)                              | Page 589: 23 – 33 odd; 43 – 53 odd<br>Page 667: 1 – 25 odd; 29, 37, 39<br>WB#s: 198, 199, 203- 205                           | Section 11.2: 8 - 16<br>Section 11.9: all    |
| M 01/29             | <u>Quiz 1</u><br>Rates of Change (Avg./IRC) (11.3)<br>Tangent Lines & Derivatives (11.4) | Page 600: 1, 3, 5, 9, 19, 27, 31<br>Page 615: 1, 3, 7, 11, 13, 15, 17<br>WB#s: 207, 210 - 213                                | Section 11.3: all<br>Section 11.4: all       |
| W 01/31<br>(Census) | Derivative Formulas (11.5)                                                               | Page 628: 1 – 37 odd; 45 – 57 odd<br>WB#s: 218 – 221, 223                                                                    | Section 11.5: all                            |
| M 02/05             | <u>Quiz 2</u><br>Product & Quotient Rule 11.6)                                           | Page 637: 1 -17 odd, 25, 27, 35, 37<br>WB#s: 225 - 227                                                                       | Section 11.6: all                            |
| W 02/07             | Chain Rule (11.7)<br>Derivative Applications (11.7 cont.)                                | Page 648: 1, 3, 5, 9, 21 – 33 odd<br>Page 648: 35 – 45 odd; 53, 57, 59,<br>61, 65<br>WB#s: 229 – 233; 235, 236,<br>238 – 240 | Section 11.7: all<br>Section 11.7: all       |
| M 02/12             | <u>Quiz 3</u><br>Derivative of Log Functions (11.8)                                      | Page 658: 13, 15, 17, 25, 33, 51, 55,<br>75<br>WB#s: 243 – 248                                                               | Section 11.8: all                            |
| W 02/14             | Derivative of Exp. Fctns. (11.8 cont.)                                                   | Page 658: 1 – 11 odd; 21, 23, 37, 39,<br>43, 47, 49, 53, 59, 61<br>WB#s: 249 – 252                                           | Section 11.8: all                            |
| M 02/19             | <u>Quiz 4</u><br>Review for Exam 1                                                       |                                                                                                                              |                                              |
| W 02/21             | <u>Exam 1 (NEED A SCANTRON Form 882-E)</u>                                               |                                                                                                                              |                                              |

| DATE                     | TEXT                                                                                                       | ASSIGNMENT                                                                                        | MyLabsPlus<br>HOMEWORK                     |
|--------------------------|------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|--------------------------------------------|
| M 02/26                  | Case Study on Elasticity                                                                                   | Page 676: 1 – 5<br>WB#s: 253 - 254                                                                | Case Study Elast: all                      |
| W 02/28                  | Local Max. & Local Min. (12.1)                                                                             | Page 688: 1 – 29 odd; 35, 39, 45<br>WB#s: 258 – 261                                               | Section 12.1: all                          |
| M 03/05                  | <b><u>Quiz 5</u></b><br>2nd Derivatives & Concavity (12.2)                                                 | Page 700: 1 – 13 all, 25 – 35 odd,<br>39, 41                                                      | Section 12.2: all                          |
|                          | Curve Sketching (12.6)                                                                                     | Page 737: 1, 3, 5, 7, 11, 29<br>WB#s: 263, 267 – 270; 273, 274                                    | Section 12.6: all                          |
| W 03/07                  | Optimization Applications (12.3)                                                                           | Page 712: 1 – 17 odd; 21, 23, 25,<br>35, 37, 39, 45, 49<br>WB#s: 275, 276, 278 – 280              | Section 12.3: all                          |
| March 12-16 SPRING BREAK |                                                                                                            |                                                                                                   |                                            |
| M 03/19                  | <b><u>Quiz 6</u></b><br>Review for Exam 2                                                                  |                                                                                                   |                                            |
| W 03/21                  | <b><u>Exam 2 (NEED A SCANTRON Form 882-E)</u></b>                                                          |                                                                                                   |                                            |
| M 03/26                  | Antiderivatives (13.1)                                                                                     | Page 753: 1 – 39 odd<br>WB#s: 283 - 287                                                           | Section 13.1: all                          |
| W 03/28                  | Integration by substitution (13.2)                                                                         | Page 761: 3, 5, 7, 9, 23, 27, 31, 33<br>WB#s: 289 – 291                                           | Section 13.2: all                          |
| F 03/30                  | <b>Last Drop Date</b>                                                                                      |                                                                                                   |                                            |
| M 04/02                  | <b><u>Quiz 7</u></b><br>Int. $e^{u(x)}$ and $u(x)^{-1}$ (more 13.2)<br>App. of Indefin Integ (13.1 & 13.2) | Page 761: 11, 13, 15, 17, 19, 21<br>Page 753: 43 - 55 odd; Page 761:<br>41, 43<br>WB#s: 293 – 299 | Section 13.2: all<br>App. 13.1 & 13.2: all |
| W 04/04                  | Summation Formula Notes<br>Area & Definite Integral (13.3)                                                 | Blackboard Summation Handout<br>Page 770: 1, 3<br>WB#s: 301 – 306                                 | Summation: all<br>Section 13.3: all        |
| M 04/09                  | <b><u>Quiz 8</u></b><br>Fund. Theorem of Calculus (13.4)                                                   | Page 782: 1 – 39 odd, 51, 53, 57<br>WB#s: 308 - 310                                               | Section 13.4: all                          |

| DATE    | TEXT                                                      | ASSIGNMENT                                                                     | MyLabsPlus<br>HOMEWORK |
|---------|-----------------------------------------------------------|--------------------------------------------------------------------------------|------------------------|
| W 04/11 | App. of Definite Integrals (13.5)                         | Page 793: 3, 11, 13, 15, 23, 31, 33, 35<br>WB#s: 311 – 313                     | Section 13.5: all      |
| M 04/16 | <u>Quiz 9</u><br>Integration by Parts                     | To Be Provided in Blackboard<br>WB#s: 315 example1a<br>316 examples 2a and 3a  | Section 16.1: all      |
| W 04/18 | <u>Signature Assignment</u><br>Integration by Parts cont. | To Be Provided in Blackboard<br>WB#s: 315 example 1b<br>316 examples 2b and 3b | Section 16.1: all      |
| M 04/23 | <u>Quiz 10</u><br>Review for Exam 3                       |                                                                                |                        |
| W 04/25 | <u>Exam 3 (NEED A SCANTRON Form 882-E)</u>                |                                                                                |                        |
| M 04/30 | Review for Departmental Final Exam                        |                                                                                |                        |
| W 05/02 | Last Day of Class<br>Review for Departmental Final Exam   |                                                                                |                        |

**SATURDAY 05/05/2018 DEPARTMENTAL FINAL EXAM**  
**9:00 –11:30 AM (NEED A SCANTRON Form 882-E)**  
**(Room location will be announced later)**