| Date | Sec. | Topic | Important Dates | HW Due |
| :---: | :---: | :---: | :---: | :---: |
| Mon., 09/24 |  | Syllabus and Introductions |  |  |
| Tue., 09/25 | 12.1 | 3D Coordinates |  |  |
| Wed., 09/26 | 12.2 | Vectors |  |  |
| Thu., 09/27 | 12.3 | The Dot Product |  | 12.1 due |
| Fri., 09/28 |  | Quiz 1 (12.1-3) | Last day for 100\% refund |  |
| Mon., 10/01 | 12.4 | The Cross Product |  | 12.2 due |
| Tue., 10/02 | 12.5 | Equations of Lines and Planes |  | 12.3 due |
| Wed., 10/03 | 12.5 | Equations of Lines and Planes |  | 12.4 due |
| Thu., 10/04 | 12.6 | Graphing: Quadric Surfaces |  |  |
| Fri., 10/05 |  | Quiz 2 (12.4-6) |  |  |
| Mon., 10/08 | 10.1 | Graphing: Parametric Curves |  | 12.5 due |
| Tue., 10/09 | 13.1 | Graphing: Vector Functions and Space Curves | Winter Financial Aid Deadline | 12.6 due |
| Wed., 10/10 | 10.2 | Calculus with Parametric Curves |  | 10.1 due |
| Thu., 10/11 | 10.2 | Calculus with Parametric Curves |  | 13.1 due |
| Fri., 10/12 |  | Quiz 3 (10.1-2 and 13.1) | Last day for 40\% refund |  |
| Mon., 10/15 | 10.3 | Polar Coordinates | Last day to drop w/o "W" |  |
| Tue., 10/16 | 10.4 | Area and Lengths in Polar Coordinates |  | 10.2 due |
| Wed., 10/17 | 13.2 | Derivatives and Integrals of Vector Functions |  | 10.3 due |
| Thu., 10/18 | 13.3 | Arc Length and Curvature |  | 10.4 due |
| Fri., 10/19 |  | No class - Professional (Teacher's In Service) Day |  |  |
| Mon., 10/22 | 13.3 | Arc Length and Curvature |  | 13.2 due |
| Tue., 10/23 |  | TNB Bicycle Exercise |  |  |
| Wed., 10/24 |  | TNB Bicycle Exercise |  | 13.3 due |
| Thu., 10/25 |  | Review |  |  |
| Fri., 10/26 |  | Test 1 (12.1-12.6 and 10.1-10.4) |  | Review |
| Mon., 10/29 | 13.4 | Motion in Space |  |  |
| Tue., 10/30 | 11.1 | Sequences | Winter Registration begins |  |
| Wed., 10/31 | 11.1 | Sequences |  | 13.4 due |
| Thu., 11/01 | 11.2 | Series |  |  |
| Fri., 11/02 |  | Quiz 4 (13.2-4) |  |  |
| Mon., 11/05 |  | Historical background of Infinite Series |  | 11.1 due |
| Tue., 11/06 | 11.2 | Series |  |  |
| Wed., 11/07 | 11.3 | The Integral Test and Estimates of Sums |  |  |
| Thu., 11/08 | 11.4 | The Comparison Tests |  | 11.2 due |
| Fri., 11/09 |  | Quiz 5 (11.1-3) |  |  |
| Mon., 11/12 |  | No Class - Veteren's Day |  |  |
| Tue., 11/13 | 11.4 | The Comparison Tests |  | 11.3 due |
| Wed., 11/14 | 11.5 | Alternating Series |  |  |
| Thu., 11/15 | 11.6 | Abs. Convergence and the Ratio and Root Tests |  | 11.4 due |
| Fri., 11/16 | 11.6 | Abs. Convergence and the Ratio and Root Tests | Last day to drop with "W" | 11.5 due |
| Mon., 11/19 | 11.7 | Strategies for series |  |  |
| Tue., 11/20 | 11.8 | Power Series |  | 11.6 due |
| Wed., 11/21 |  | Quiz 6 (11.4-7) |  |  |
| Thu., 11/22 |  | No Class - Thanksgiving Day |  |  |
| Fri., 11/23 |  | No Class - Black Friday |  |  |
| Mon., 11/26 | 11.9 | Representations of Functions as Power Series |  | 11.7 due |
| Tue., 11/27 | 11.9 | Representations of Functions as Power Series |  | 11.8 due |
| Wed., 11/28 | 11.10 | Taylor and Maclaurin Series |  |  |
| Thu., 11/29 |  | Review |  |  |
| Fri., 11/30 |  | Test 2 (13.1-4 and 11.1-7) |  | Review |
| Mon., 12/03 | 11.10 | Taylor and Maclaurin Series |  | 11.9 due |
| Tue., 12/04 | 11.11 | Applications of Taylor Polynomials |  |  |
| Wed., 12/05 |  | Kepler's Laws |  | 11.10 due |
| Thu., 12/06 |  | Kepler's Laws |  | 11.11 due |
| Fri., 12/07 |  | Quiz 7 (11.8-11) |  |  |
| Mon., 12/10 |  | Review | Last Day of Class |  |
| Tue., 12/11 |  | Final Exam | 10-11:50pm | Review |

