

Multivariable Calculus
Tentative Schedule

| Date | Activity | Homework | Review/Quizzes |
|------|----------|---|-------------------|
| M | 4/6 | Introduction | Intro Survey |
| T | 4/7 | Section 16.3: Double Integrals over Polar Regions | Polar Coordinates |
| W | 4/8 | Section 16.3 | Skills Check |
| Th | 4/9 | Section 16.4: Triple Integrals | Calc with Polar |
| F | 4/10 | Section 16.4 | 16.3 |
| M | 4/13 | Assessment #1: Polar Coordinates and 16.3 | |
| T | 4/14 | Section 16.5: Triple Integrals in Cylindrical & Spherical Coordinates | |
| W | 4/15 | Section 16.5 | 16.4 |
| Th | 4/16 | Section 16.6: Integrals for Mass Calculations | |
| F | 4/17 | Section 16.6 | 16.5 |
| M | 4/20 | Assessment #2: 16.4 & 16.5 | |
| T | 4/21 | Section 16.7: Change of Variables in Multiple Integrals | |
| W | 4/22 | Section 16.7 | 16.6 |
| Th | 4/23 | Section 10.1: An Overview | Skills Check |
| F | 4/24 | Section 10.2: Sequences | 16.7 |
| M | 4/27 | Assessment #3: 16.6 & 16.7 | |
| T | 4/28 | Section 10.3: Infinite Series | 10.1 |
| W | 4/29 | Section 10.3 | 10.2 |
| Th | 4/30 | Section 10.4: The Divergence and Integral Tests | |
| F | 5/1 | Section 10.5: Comparison Tests | 10.3 |
| M | 5/4 | Assessment #4: 10.1, 10.2, & 10.3 | |
| T | 5/5 | Section 10.5 | 10.4 |
| W | 5/6 | Section 10.6: Alternating Series | |
| Th | 5/7 | Section 10.7: The Ratio and Root Tests | 10.5 |
| F | 5/8 | Section 10.7 | 10.6 |
| M | 5/11 | Assessment #5: 10.4, 10.5, & 10.6 | |
| T | 5/12 | Section 10.8: Choosing a Convergence Test | |
| W | 5/13 | Section 17.1: Vector Fields | 10.7 |
| Th | 5/14 | Section 17.2: Line Integrals | 10.8 |
| F | 5/15 | Section 17.2 | 17.1 |
| M | 5/18 | Assessment #6: 10.7, 10.8, 17.1 | |
| T | 5/19 | Section 17.3: Conservative Vector Fields | |
| W | 5/20 | Section 17.3 | 17.2 |
| Th | 5/21 | Section 17.4: Green's Theorem | |
| F | 5/22 | Section 17.4 | 17.3 |
| M | 5/25 | No Class - Memorial Day | |
| T | 5/26 | Assessment #7: 17.2 & 17.3 | |
| W | 5/27 | Section 17.5: Divergence and Curl | |
| Th | 5/28 | Section 17.6: Surface Integrals | 17.4 |
| F | 5/29 | Section 17.6 | 17.5 |
| M | 6/1 | Assessment #8: 17.4 & 17.5 | |
| T | 6/2 | Section 17.7: Stokes' Theorem | |
| W | 6/3 | Section 17.7 | 17.6 |
| Th | 6/4 | Section 17.8: Divergence Theorem | |
| F | 6/5 | Section 17.8 | 17.7 |
| M | 6/8 | Final Exam: Cumulative | 17.8 |

subject to change