01/17 Tue. Orientation and course information
01/18 Wed. 6.1. Inverse Functions
01/20 Fri. 6.2*. The Natural Logarithmic Function

01/23 Mon. Catch Up
01/24 Tue. Quiz 1
01/25 Wed. 6.3*. The Natural Exponential Function
01/27 Fri. 6.4*. General Logarithmic and Exponential Function

01/30 Mon. 6.5. Exponential Growth and Decay
01/31 Tue. Quiz 2
02/01 Wed. 6.6. Inverse Trigonometric Functions
02/03 Fri. 6.8. Indeterminate Forms and L’Hospital’s Rule

02/06 Mon. 7.1. Integration by Parts
02/07 Tue. Quiz 3
02/08 Wed. 7.2. Trigonometric Integrals
02/10 Fri. 7.3. Trigonometric Substitution

02/13 Mon. 7.4. Integration of Rational Functions by Partial Fractions
02/14 Tue. Quiz 4
02/15 Wed. 7.4. Integration of Rational Functions by Partial Fractions
02/17 Fri. 7.5. Strategy for Integration

02/20 Mon. Review for Exam 1
02/21 Tue. **Exam 1** (No Tutorial)
02/22 Wed. Return and discussion of Exam 1
(Topics discussed will appear on Quiz/WS 5)
02/24 Fri. 7.7. Approximate Integrals

02/27 Mon. 7.8. Improper Integrals
02/28 Tue. Quiz 5
03/01 Wed. 8.1. Arc Length
03/03 Fri. 9.2. Direction Fields and Euler’s Method

03/06 Mon. 9.3. Separable Equations
03/07 Tue. Quiz 6
03/08 Wed. 9.5. Linear Equations
03/10 Fri. 11.1. Sequences

03/13 Mon. Spring Break
03/14 Tue. Spring Break
03/15 Wed. Spring Break
03/17 Fri. Spring Break
03/20 Mon. 11.2. Series
03/21 Tue. No Tutorial
03/22 Wed. Review for Exam 2
03/23 Thu. **Exam 2**
03/24 Fri. Return and discussion of Exam 2
  (Topics discussed will appear on Quiz/WS 7)

03/27 Mon. 11.3. The Integral Test for p-series.
03/28 Tue. Quiz 7
03/29 Wed. 11.4. The Comparison Tests
03/31 Fri. 11.5. Alternating Series

04/03 Mon. 11.6. Absolute Convergence and the Ratio and Root Tests
04/04 Tue. Quiz 8
04/05 Wed. 11.7. Strategy for Testing Series
04/07 Fri. 11.8. Power Series

04/10 Mon. 11.9. Representations of Functions as Power Series
04/11 Tue. Quiz 9
04/12 Wed. 11.10. Taylor and Maclaurin Series
04/14 Fri. Easter Break

04/17 Mon. Easter Break
04/18 Tue. Quiz 10
04/19 Wed. 11.11. Applications of Taylor Polynomials
04/21 Fri. 10.1. Curves Defined by Parametric Equations

04/24 Mon. Review for Exam 3
04/25 Tue. **Exam 3** (No Tutorial)
04/26 Wed. 10.2. Calculus with Parametric Curves
04/28 Fri. 10.3. Polar Coordinates

05/01 Mon. 10.4. Areas and Lengths in Polar Coordinates
05/02 Tue. Review worksheet.
05/03 Wed. Review for Final

05/08 Mon. **Final Exam 1:45-3:45 p.m.**