

# MATH 1 B (44040) Summer Session II 2008

## Estimated Schedule & Homework

- August 4: Course Introduction, A-2: Partial Fractions, 5.1: Exponential Functions.  
§A-2: 1-9 odd, 13, 17, 21, 25, 27, 29.
- August 6: 5.1: Exponential Functions (Finish), 5.2: Exponential Models.  
§5.1: 1, 11, 15, 19, 21, 23, 27, 31, 35, 37, 41, 43, 47, 51, 57, 63, 65, 115, 123, 125;  
§5.2: 3, 5, 7, 13, 21.
- August 8: 5.3: Logarithmic Functions, 5.4: Logarithmic Models.  
§5.3: 3, 7, 15, 19, 21, 25, 29, 33, 37, 57, 61, 65, 69, 73, 83-89 odd, 93, 99, 105, 111-115 odd;  
§5.4: 3, 5, 7, 9.
- August 11: 5.5: Logarithmic and Exponential Equations, 6.1: Angles and Their Measure.  
§5.5: 13-17 odd, 27, 31, 35, 39, 41, 45, 51, 53-59 odd; §6.1: 5, 9, 15, 19, 23, 25-29 odd, 33, 37, 43, 49, 51, 55, 59, 63, 67, 71, 75, 81, 87, 91, 99.
- August 13: 6.2: Trigonometric Functions: Unit Circle Approach, 6.3: Solving Right Triangles.  
§6.2: 1, 5, 11, 15, 17-31 odd, 33, 37, 59, 63, 67, 71, 75, 77, 81, 85, 111, 113; §6.3: 1-29 odd, 37, 45, 49, 53, 55, 63.
- August 15: 6.4: Properties of the Trigonometric Functions, 6.5: More Trigonometric Functions and Models.  
§6.4: 1-11 odd, 15, 19, 23, 27, 31, 35, 37, 39, 43, 45;  
§6.5: 13-43 odd, 89, 97.

- August 18: Midterm Exam (Covering A-2, 5.1-5.5, 6.1-6.5).  
You will have 90 minutes to complete the test.  
time: 11:00AM -12:30PM, room: ICS 174.
- August 20: 6-6: Inverse Trigonometric Functions, 7.5: Trigonometric Equations (Part I).  
§6.6: 1-11 odd, 19-33 odd, 41-45 odd, 63, 67, 69;  
§7.5: 3, 7, 11, 15, 19, 21-25 odd, 37, 43.
- August 22: 7.1: Basic Identities, 7.2: Sum, Difference, and Cofunction Identities.  
§7.1: 1, 5, 9, 13, 17, 23, 25, 27-33 odd, 39, 43, 47, 51, 55, 59, 63, 69, 73, 75, 91, 93;  
§7.2: 5, 9, 13, 17, 19, 21, 25, 27, 29, 31, 35, 37, 41, 47, 65, 67.
- August 25: 7.3: Double-Angle and Half-Angle Formulas, 7.4: Product-to-Sum and Sum-to-Product Formulas.  
§7.3: 15, 19, 23, 27, 31, 35, 39, 45, 47, 53, 65, 67, 71;  
§7.4: 5, 11, 15, 17, 21, 25, 27, 31, 35, 39, 45.
- August 27: 7.5: Trigonometric Equations (Part II), 8.1: Law of Sines (start).  
§7.5: 31, 35, 39, 41, 45, 67, 69.
- August 29: 8.1: Law of Sines (finish), 8.2: Law of Cosines (start).  
§8.1: 3, 7, 9, 13, 15, 19, 23, 27, 29, 31, 47.
- September 1: Holiday (Happy Labor Day).
- September 3: 8.2: Law of Cosines (finish), 10.6: Systems of Non-linear Equations.  
§8.2: 3, 5, 9, 15, 17, 21, 25, 27, 35, 39;  
§10.6: 3, 7, 11, 15, 19, 23, 27, 31, 35, 39, 41.
- September 5: 11.1: Sequence and Series, 11.3: Arithmetic and Geometric Sequences.  
§11.1: 3, 11, 15, 17, 21, 25, 29, 33, 35, 39, 41, 43, 47, 53, 57, 59, 63, 69;  
§11.3: 3, 7, 11, 15, 19, 23, 25, 29, 33, 37, 41, 45, 49, 51, 57, 61, 63, 67, 71.

- September 8: Review for Final.
- September 10: Final Exam (Comprehensive).  
2 hours Exam, time: 11:00AM-1:00PM, room: ICS 174.