

| Math 240 | | Proposed Timeline | | Fall 2010 |
|----------|--------|---|--|---|
| Day | Date | Topic | Assignment | Important Dates |
| 1 T | 31-Aug | 1.1 Angles | # 1 - 85 eoo, 127-132 all | |
| | | 1.2 Angle Relationships and Similar Triangles | # 1 - 67 ODD | |
| 2 Th | 2-Sep | 1.3 Trigonometric Functions | # 1 - 81 eoo | |
| | | 1.4 Using the Definitions of Trigonometric Functions | # 1 - 77 eoo, 81-96 all | |
| 3 T | 7-Sep | 2.1 Trigonometric Functions of Acute Angles | # 1 - 59 ODD, 76-81 all | |
| 4 Th | 9-Sep | 2.2 Trigonometric Functions of Non-Acute Angles | # 1 - 69 eoo | LDTP add permits is 9/10 |
| | | 2.3 Finding Trigonometric Function Values Using a Calculator | # 1 - 61 ODD | LDTD w/out incurring fees is 9/13 |
| 5 T | 14-Sep | 2.4 Solving Right Triangles | # 1 - 55 ODD | |
| 6 Th | 16-Sep | 2.5 Further Applications of Right Triangles | # 1 - 35 ODD | |
| 7 T | 21-Sep | FIRST EXAM Chapters 1 and 2 | | |
| 8 Th | 23-Sep | 3.1 Radian Measure | # 1 - 87 ODD | Deadline for Cr/NCr Petition is 9/24 |
| | | 3.3 The Unit Circle and and Circular Functions | # 1 - 69 ODD | LDTD w/out a "W" is 9/26 |
| 9 T | 28-Sep | 3.2 Applications of Radian Measure | # 1 - 57 ODD | |
| | | 3.4 Linear and Angular Speed | # 1 - 43 ODD | |
| 10 Th | 30-Sep | 4.1 Graphs of the Sine and Cosine Functions | # 1 - 39 ODD | |
| 11 T | 5-Oct | 4.2 Translations of the Graphs of the Sine and Cosine Functions | # 1 - 53 eoo | |
| 12 Th | 7-Oct | 4.3 Graphs of Tangent and Cotangent Functions | # 1 - 33 ODD | |
| 13 T | 12-Oct | 4.4 Graphs of Secant and Cosecant Functions | # 1 - 23 ODD | |
| 14 Th | 14-Oct | SECOND EXAM Chapters 3 and 4 | | |
| 15 T | 19-Oct | 5.1 Fundamental Identities | # 1 - 69 eoo | |
| | | 5.2 Verifying Trigonometric Identities | # 1 - 77 eoo | |
| 16 Th | 21-Oct | 5.3 Sum and Difference Identities for Cosine | # 1 - 65 eoo | |
| | | 5.4 Sum and Difference Identities for Sine and Tangent | # 1 - 65 eoo | |
| 17 T | 26-Oct | 5.5 Double-Angle Identities | # 1 - 53 eoo | |
| | | 5.6 Half-Angle Identities | # 1 - 57 eoo | |
| 18 Th | 28-Oct | 6.1 Inverse Circular Functions | # 1 - 65 ODD | |
| 19 T | 2-Nov | 6.1 Inverse Circular Functions | # 77 - 105 ODD | |
| | | 6.4 Equations Involving Inverse Trigonometric Functions | # 1 - 41 ODD | |
| 20 Th | 4-Nov | 6.2 Trigonometric Equations I | # 1 - 49 ODD | |
| | | 6.3 Trigonometric Equations II | # 1 - 39 ODD | |
| 21 T | 9-Nov | THIRD EXAM Chapters 5 and 6 | | |
| Th | 11-Nov | No School <i>Veteran's Day Holiday</i> | | |
| 22 T | 16-Nov | 7.1 Oblique Triangles and the Law of Sines | # 1 - 49 ODD | |
| | | 7.2 The Ambiguous Case of the Law Sines | # 1 - 37 ODD | |
| 23 Th | 18-Nov | 7.3 The Law of Cosines | # 1 - 69 eoo | |
| | | 7.4 Vectors and Operations | # 1 - 91 ODD | LDTD with a "W" is 11/21 |
| 24 T | 23-Nov | 7.5 Applications of Vectors | # 1 - 29 ODD | |
| Th | 25-Nov | No School <i>Thanksgiving Holiday</i> | | |
| 25 T | 30-Nov | 8.1 Complex Numbers | # 63 - 79 odd, 95 - 107 odd | |
| | | 8.2 Trigonometric (Polar) Form of Complex Numbers | # 25 - 58 all | |
| 26 Th | 2-Dec | 8.3 The Product and Quotient Theorems | # 1 - 31 ODD | |
| | | 8.4 De Moivre's Theorem; Powers and Roots of Complex Numbers | # 1 - 41 ODD | |
| 27 T | 7-Dec | 8.5 Polar Equations and Graphs | # 3 - 27 odd, 37 - 49 odd, 53 - 61 odd | |
| 28 Th | 9-Dec | FOURTH EXAM Chapters 7 and 8 | | Last Day of Instruction |
| Th | 16-Dec | FINAL EXAM Chapters 1 to 8, 8:00 - 10:00 | | |