

Master Schedule

Fall, 2017

TECM 118 - Technical Mathematics

CRISP Technology Center

Computer Lab - Room 124

Meets: Monday Evenings 4:30 PM to 7:30 PM

August 14th to December 7th, 2016

Be sure to read the course material found in the textbook *before* starting on the *homework assignments* for each section.

Chapter	Week	Assignment	Classroom Activities
Chapter 1	Week 1	1. Arithmetic of Whole Numbers 1.1 Working with Whole Numbers 1.2 Subtraction of Whole Numbers 1.3 Multiplication of Whole Numbers 1.4 Division of Whole Numbers 1.5 Order of Operations Chapter 1 Test	<ul style="list-style-type: none"> Discuss: Syllabus Master Schedule Review Chapter 1 <p>The student must achieve a score of 70% or higher on the Chapter 1 test BEFORE proceeding to Chapter 2.</p>
Test 1 and Chapter 1 Homework <i>will close on:</i> Monday, Aug 21 at 11:00 PM			
Chapter 2	Week 2	2. Fractions 2.1 Working with Fractions 2.2 Multiplication of Fractions 2.3 Division of Fractions 2.4 Addition and Subtraction of Fractions Chapter 2 Test	<ul style="list-style-type: none"> Review Chapter 2 <p>The student must achieve a score of 70% or higher on the Chapter 2 test BEFORE proceeding to Chapter 3.</p>
Test 2 and Chapter 2 Homework <i>will close on:</i> Monday, Aug 28 at 11:00 PM			
Chapter 3	Week 3	3. Decimal Numbers 3.1 Addition and Subtraction of Decimal Numbers 3.2 Multiplication and Division of Decimal Numbers 3.3 Decimal Fractions Chapter 3 Test	<p>NOTE: NO CLASS on MONDAY, SEPT 4th LABOR DAY</p> <ul style="list-style-type: none"> Review Chapter 3 <p>The student must achieve a score of 70% or higher on the Chapter 3 test BEFORE proceeding to Chapter 4.</p>
Test 3 and Chapter 3 Homework <i>will close on:</i> Monday, Sept 11 at 11:00 PM			
Chapter 4	Week 4 and 5	4. Ratio, Proportions, and Percents 4.1 Ratio and Proportion 4.2 Special Applications of Ratio and Proportion 4.3 Introduction to Percents 4.4 Percent Problems 4.5 Special Applications of Percent Calculations Chapter 4 Test	<ul style="list-style-type: none"> Review Chapter 4 <p>The student must achieve a score of 70% or higher on the Chapter 4 test BEFORE proceeding to Chapter 5.</p>
Test 4 and Chapter 4 Homework <i>will close on:</i> Monday, Sept 25 at 11:00 PM			
Chapter 5	Week 6 and 7	5. Measurement 5.1 Working with Measurement Numbers 5.2 English Units and Unit Conversion 5.3 Metric Units 5.4 Direct Measurement Chapter 5 Test	<ul style="list-style-type: none"> Review Chapter 5 <p>The student must achieve a score of 70% or higher on the Chapter 5 test BEFORE proceeding to Chapter 6.</p>
Test 5 and Chapter 5 Homework <i>will close on:</i> Monday, Oct 9 at 11:00 PM			

Chapter 6	Week 8	<p>6. Pre-Algebra</p> <p>6.1 Addition of Signed Numbers 6.2 Subtraction of Signed Numbers 6.3 Multiplication and Division of Signed Numbers 6.4 Exponents and Square Roots</p> <p style="text-align: center;">Chapter 6 Test</p>	<p>• Review Chapter 6</p> <p>The student must achieve a score of 70% or higher on the Chapter 6 test BEFORE proceeding to Chapter 7.</p>
<p>Test 6 and Chapter 6 Homework <i>will close on:</i> Monday, Oct 16 at 11:00 PM</p>			
Chapter 7	Week 9 and 10	<p>7. Basic Algebra</p> <p>7.1 Algebraic Language and Formulas 7.2 Adding and Subtracting Algebraic Expressions 7.3 Solving Simple Equations 7.4 Solving Two-Step Equations 7.5 Solving More Equations and Formulas 7.6 Solving Word Problems 7.7 Multiplying and Dividing Algebraic Equations 7.8 Scientific Notation</p> <p style="text-align: center;">Chapter 7 Test</p>	<p>• Review Chapter 7</p> <p>The student must achieve a score of 70% or higher on the Chapter 7 test BEFORE proceeding to Chapter 8.</p>
<p>Test 7 and Chapter 7 Homework <i>will close on:</i> Monday, Oct 30 at 11:00 PM</p>			
Chapter 8	Week 11 and 12	<p>8. Practical Plane Geometry</p> <p>8.1 Angle Measure 8.2 Area and Perimeter of Polygons 8.3 Traingles, Regular Hexagons, and Irregular Polygons 8.4 Circles</p> <p style="text-align: center;">Chapter 8 Test</p>	<p>• Review Chapter 8</p> <p>The student must achieve a score of 70% or higher on the Chapter 8 test BEFORE proceeding to Chapter 9.</p>
<p>Test 8 and Chapter 8 Homework <i>will close on:</i> Monday, Nov 13 at 11:00 PM</p>			
Chapter 9	Week 13 and 14	<p>9. Solid Figures</p> <p>9.1 Prisms 9.2 Pyramids and Frustums of Pyramids 9.3 Cylinders and Spheres 9.4 Cones and Frustums of Cones</p> <p style="text-align: center;">Chapter 9 Test</p>	<p>• Review Chapter 9</p> <p>The student must achieve a score of 70% or higher on the Chapter 9 test BEFORE proceeding to Chapter 10.</p>
<p>Test 9 and Chapter 9 Homework <i>will close on:</i> Monday, Nov 27 at 11:00 PM</p>			
Chapter 10	Week 15 & 16	<p>10. Triangle Trigonometry</p> <p>10.1 Angles and Triangles 10.2 Trigonometric Ratios 10.3 Solving Right Triangles 10.4 Oblique Triangles</p> <p style="text-align: center;">Chapter 10 Test</p>	<p>• Review Chapter 10</p> <p>The student must achieve a score of 70% or higher on the Chapter 10 test BEFORE proceeding to the FINAL EXAM.</p>
<p>Test 10 and Chapter 10 Homework <i>will close on:</i> Friday, Dec 01 at 11:00 PM</p>			
		<p>FINAL EXAM will be given according to the KC final schedule.</p>	