**Technical Math (IT 100)** Jay Miller

Palomar College 744-1150 x3045

Industrial Technology 100 jmiller@palomar.edu

**Text:**  Mathematics for the Trades 8th edition, R Carmen and H. Saunder

**Materials:** Trigonometric calculator

 Protractor

 3 Ring binder

**Points Breakdown:**

 Attendance/Participation: 10%

 Homework 35%

 Quizzes 35%

 Midterm 10%

 Final Exam 10%

**Grade Breakdown (Based on total points):**

 A 100% - 90%

 B 89% - 80%

 C 79% - 70%

 D 69% - 60% (Credit)

 F 59% - 90% (No Credit)

**Attendance/Participation (If you are absent):**

 1. Email me land let me know

 2. You must get the homework assignment and be prepared for the next class.

 3. You must make up the quizzes missed with in 2 weeks.

 4. If you miss more than 3 classes it will negatively affect your grade.

**Homework:**

 1. Homework will be assigned during the class for the next week.

 2. Homework is due at the beginning of each class.

3. All equations and work must be shown (Even if you can work the problem in

 your head) and circle the answer.

**Quizzes:**

1. In class open book quizzes will be given weekly after the homework has

 been reviewed.

2. Do not look at answers.

**Schedule**

**Week Chapter Topic Homework**

1 1 Arithmetic of Whole Numbers 1.1, 1.2, 1.3, 1.4, 1.5

2 2 Fractions 2.1, 2.2, 2.3, 2.4

3 3 Decimal Numbers 3.1, 3.2, 3.3

4 4 Ratio, Proportion and Percent 4.1, 4.2, 4.3

5 4 Ratio, Proportion and Percent 4.4, 4.5, 5.1

6 5 Measurement 5.2, 5.3, 5.4

7 6 Pre-Algebra 6.1, 6.2, 6.3, 6.4

8 1-6 Midterm

9 7 Basic Algebra 7.1, 7.2

10 7 Basic Algebra 7.3, 7.4, 7.5

11 7 Basic Algebra 7.6, 7.7

12 8 Practical Plane Geometry 8.1, 8.2

13 8 Practical Plane Geometry 8.3, 8.4

14 9 Solid Figures 9.1, 9.2

15 9 Solid Figures 9.3, 9.4

16 10 Triangle Trigonometry 10.1, 10.2, 10.3

17 7-10 Final Exam