

**VICTOR VALLEY COLLEGE SYLLABUS  
FALL 2008**

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**Course No.: MATH 10**                      **Course Title: Basic Mathematics**                      **Units: 3**  
**Section Nos. 21035, 21043, 21045, 21050**                      **Class Hours: 2:20-3:45pm, 3:55-5:20pm,**  
**Room Nos. : 156, 157, 13, 13**                      **5:30-6:55pm, 7:05-8:30pm**  
**Days: T/TH**

**Instructor Name: Sunanda Abeysekera**

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**FALL CALENDAR**

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| Fall Semester Begins                     | August 25      |
| Labor Day Holiday (no classes)<br>2008.  | September 1    |
| End of 1 <sup>st</sup> 8-week term       | October 18     |
| Beginning of 2 <sup>nd</sup> 8-week term | October 20     |
| Veteran's Day Holiday (no classes)       | November 10    |
| Thanksgiving Holidays (no classes)       | November 27-30 |
| Fall Semester Ends                       | December 13    |

**WITHDRAWAL POLICY**

Last day to withdraw from a 16-week class  
and receive a "W" is November 4,

**NOTE – CLASSES WILL NOT BE HELD ON THE FOLLOWING DATES: Monday, September 1; Monday, November 10, and Thursday through Sunday, November 27-30. CLASSES WILL BE HELD ON SATURDAY, AUGUST 30.**

**STATEMENT OF ACCESS:** Students with special needs are encouraged to meet with instructors to discuss the opportunity for academic accommodation and be referred to disabled student program and services per Administrative Procedure (AP 3440)

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**Prerequisite: None**

**Textbook: Basic Mathematics, Tenth Edition by Marvin L. Bittinger, Addison Wesley, 10<sup>th</sup> edition.**

**Course Description:** This course offers a review of the four basic operations,(addition, subtraction, multiplication and division), order of operations, factorization, fractions, decimals, and the four basic operations with fractions and decimals, converting fractions to decimals and vice versa, estimating, ratios and proportions, percents and applications. The course will also cover statistical data analysis, graphs, units and measurement, weight and mass, capacity, time and temperature, areas and volumes of geometric figures, angles and triangles, operations with real numbers, and absolute value. The course will also include an introduction to algebra, evaluating algebraic expressions, and solving equation

**Course Objectives:**

The student will be able to:

1. Carryout the four basic operations with whole numbers, decimals and fractions.

2. Convert to and from fractions, decimals, and percents.
3. Understand and solve practical applications of percents,(interest, sales tax, commissions etc.)
4. Understand measurements and units of measurement.
5. Calculate areas, volumes of geometric figures.
6. Classify angles and triangles and know their properties and uses.
7. Represent real numbers on a number line and understand the concept of absolute value.
8. Evaluate algebraic expressions, and solve equations.

**Attendance Policy:**

**You are required to attend class every day. After 3 hours of absence, you may be dropped from this class. It is your responsibility to keep your enrollment status current. You risk an “F” if you stop attending without officially withdrawing. Do not bring friends or children to class. Please turn off any cell phones or pagers during class time (or switch them to silent mode). No cell phones or electronic devices will be allowed on your desk during exams.**

**Homework Policy:**

**Practice is essential. Each student is expected to spend at least 2 hours doing homework for each hour this class meets. You will be provided a list of homework exercises for which you are responsible.**

**Grading Policy:**

The grade for this class will be broken into the following categories and percentages.

| Category        | Percent of final grade |
|-----------------|------------------------|
| Homework        | 10%                    |
| Chapter tests   | 10%                    |
| Mid-term test 1 | 20%                    |
| Mid-term test 2 | 20%                    |
| Final Exam      | 40%                    |

**The final grade for the class will be given according to the following scale.**

| Total percent    | Final Grade |
|------------------|-------------|
| <b>90 – 100%</b> | <b>A</b>    |
| <b>80 – 89%</b>  | <b>B</b>    |
| <b>70 – 79%</b>  | <b>C</b>    |
| <b>60 - 69%</b>  | <b>D</b>    |
| <b>0 – 59%</b>   | <b>F</b>    |

**There will be Homework weekly, Chapter Tests, Mid-Term 1, Mid-Term 2.and the Final Exam. All Homework is due at the next class.**

