



## MATH V01 • COURSE INFORMATION

**The Course.** 5 units (12 hrs lecture weekly). This is a first course in algebra; it assumes a basic background in arithmetic. It reviews fractions, signed numbers, and number properties, and then introduces solving equations and inequalities, exponents, polynomials (including factoring), rational expressions, graphing and functions, systems of linear equations, roots and radicals, and quadratic equations. By the end of the course, the successful student will be able to evaluate expressions and perform operations over the set of real numbers; perform basic operations on polynomials; graph linear equations and inequalities; factor polynomials; determine a linear equation from graphical data; solve ratio, proportion, and variation problems; solve systems of equations; and solve applied word problems. The course includes instruction in proper notation, word problems, calculator use, and emphasizes the importance of acquiring good study skills.

**Class Meetings.** Lecture: Monday through Thursday 6:30–9:20 p.m. in room SCI-351.

Please turn off (or set to "vibrate" mode) all cell phones and pagers, so as not to interrupt the class.

**Homework Club.** Please visit during any scheduled homework club hours (note locations below), or make an appointment.

- SCI-351; Monday through Thursday 6:00–6:30 p.m.

These times may change, especially early in the term. Schedule updates are posted on the Web at <http://academic.venturacollege.edu/mbowen/courses/2008natsu/classked.pdf>. Contact the instructor, Michael Bowen, by telephone (654-6400, ext. 1336) or by e-mail at [mbowen@vccd.edu](mailto:mbowen@vccd.edu).

**Prerequisites.** Math V10 or equivalent. Students should know how to add, subtract, multiply, and divide rational numbers, solve basic application problems, identify constants, variables, like terms, and polynomials, evaluate algebraic expressions, solve simple linear equations and inequalities, and graph linear equations on a Cartesian coordinate system. Good reading and writing skills are helpful; homework, quizzes, and the final examination may include word problems and/or essay questions.

### Course Materials.

- The text is required: M. Lial, *Beginning Algebra*, Second Custom Edition (for VC) or Tenth Edition (ISBN 053645499X or 0321437268). Math V01 lectures largely follow the material in chapters 1 through 7, plus portions of 8 and 9 as time permits, of this text, which we shall cover in numerical order.
- Students should purchase or borrow a good calculator. The calculator must be capable of evaluating powers and roots. If you already have a calculator but are not sure whether it has the necessary capabilities, please bring it and ask the instructor. *The Department of Mathematics recommends that students planning to continue beyond Math V03 acquire a graphing calculator, such as the TI-82, TI-83, or TI-84.*
- The Web start page for this course is <http://academic.venturacollege.edu/mbowen/courses/2008natsu/m01.shtml>.

**Grading and Drop Policies.** Please see the accompanying **COURSE REQUIREMENTS AND GRADING** document, which is expressly incorporated and made a part of this **COURSE INFORMATION** document by reference. It is the student's responsibility to remember drop deadlines and regulations. The various drop deadlines for this semester are listed under **IMPORTANT DATES** below.

### IMPORTANT DATES

Student holidays ...	None in Summer 2008
Last day to add a class ...	Monday 23 June 2008
Last day for full refunds ...	Wednesday 18 June 2008
Last day for partial refunds (nonresident tuition only) ...	Wednesday 18 June 2008
<b>Drop deadline (no "W") ...</b>	<b>Thursday 26 June 2008</b>
Credit/No Credit request deadline ...	Thursday 26 June 2008
<b>Drop deadline (no "F") ...</b>	<b>Thursday 17 July 2008</b>
<b>Final Examination ...</b>	<b>Room SCI-351, 6:30–8:30 p.m., Wednesday 30 July 2008</b>

All **COURSE INFORMATION** is subject to change without notice. Please refer questions directly to your instructor.