MATH V21A • COURSE INFORMATION

The Course. 5 units (5 hrs lecture weekly). This is a first course in calculus; it assumes a thorough background in algebra and trigonometry. It covers limits, differentiation of functions, integration of functions, techniques of integration, and applications. By the end of the course, the successful student will be able to evaluate limits of functions of one variable; evaluate derivatives of functions of one variable; analyze the behavior of functions and use the analyses to graph them; solve application problems involving derivatives; and evaluate elementary integrals. The course includes instruction in proper notation, word problems, calculator use, and emphasizes the importance of acquiring good study skills.

Class Meetings. Lecture: Monday and Wednesday 10:00 a.m.–12:15 p.m. in room SCI-227

Please turn off (or set to "vibrate" mode) all mobile 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.
- Tutorial Center (first floor of LRC across the hall from the BEACH); Monday and Wednesday, 2:00–3:00 p.m.; Tuesday 11:30 a.m.–12:30 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/2019haru/classked.pdf. Contact the instructor, Michael Bowen, by telephone (805-289-6256) or by e-mail at mbowen@vcccd.edu.

Prerequisites. MATH V04 and MATH V05, or MATH V20, or MATH V19, or placement by assessment. Students should know how to graph functions and conic sections efficiently, perform operations on polynomials (particularly factoring), simplify rational expressions, and solve trigonometric identities. Good reading and writing skills are helpful; homework, quizzes, and the final examination may include word problems and/or essay questions.

Course Materials.
- This text is required: J. Stewart, *Calculus: Early Transcendentals*, Eighth Edition (ISBN 978-1285741550, 978-1305270336, 978-1305272354, or 978-1305782198). Math V21A lectures largely follow the material in chapters 1 through 5 of this text, which we shall cover in numerical order, with a few exceptions in chapters 4 & 5.
- Students should purchase or borrow a good calculator. The calculator must be capable of evaluating powers, roots, exponentials, logarithms, and trig functions. 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 in this course acquire a graphing calculator, such as the TI-82, TI-83, or TI-84; mobile-phone calculators are not permitted during exams.*
- The Web start page for this course is http://academic.venturacollege.edu/mbowen/courses/2019haru/m21a.shtml.
- Student Learning Outcomes (SLOs) and Core Competencies for this course are available on the VC math department's web site. The URL for SLOs is http://www.venturacollege.edu/sites/default/files/files/college-information/student-learning-outcomes/course-student-leaning-outcomes/math.pdf. The URL for competencies is http://www.venturacollege.edu/assets/pdf/core_competencies/corecomps_math.pdf.

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	…	21 January; 15–18 February; 25–29 March; and 25–26 April 2019
Last day to add a class	…	Friday 18 January 2019
Last day for full refunds	…	Friday 18 January 2019
Drop deadline (no "W")	…	**Friday 25 January 2019**
Credit/No Credit request deadline	…	Friday 8 February 2019
Drop deadline (no "F")	…	**Friday 19 April 2019**
Final Examination	…	**Room SCI-227, 10:15 a.m.–12:15–p.m., Wednesday 15 May 2019**

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