

## Mac2311 Calculus I Calculus And Analytic Geometry

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### Mac2311 Calculus I Calculus And

MAC 2311 — Calculus I — Syllabus. Prerequisites: C (2.0) or better in MAC 1114 and C (2.0) or better in MAC 1140, or C (2.0) or better in MAC 1147, or SAT Math score of 670 or better, or ACT Math score of 29 or better, or College-Level Math CPT score of 90 or better, and knowledge of trigonometry. Course Description: The course meets for approximately 55 hours during a 15-week semester.

### MAC 2311 — Calculus I — Syllabus

MAC2311 Analytic Geometry and Calculus I This is a first course in analytic geometry and the theory and application of calculus.

### MAC2311 Analytic Geometry and Calculus I - Seminole State ...

MAC 2311 is the first in the three-semester sequence MAC 2311, MAC 2312, MAC 2313 covering the basic calculus. Intended topics will include limits, differentiation, applications of the derivative and introduction of integration. A minimum grade of C (not C–) in MAC 2311 satisfies four credits of the university General Education Math requirement.

### MAC 2311 - Analytic Geometry and Calculus I - Dual ...

MAC2311 Thomas' Calculus, Early Transcendentals, Media Upgrade, 12 th Ed., by Weir, Hass & Giordano; Pub Addison-Wesley Tentative Schedule Sect. Topic Suggested Homework (odds unless otherwise noted) 2.1 Rates of Change and Tangents to Curves 2.2 Limit of a Function and Limit Laws 2.4 One Sided Limits

### MAC2311 CALCULUS I Calculus and Analytic Geometry

MAC 2311 Calculus with Analytic Geometry I (4) (A.A.) Four hours lecture per week. Prerequisite: MAC 2147 or MAC 1140 and MAC 1114. This course meets Area II requirements for both the A.A. General Education Requirements and A.S. General Education Requirements.

### MAC 2311 Calculus with Analytic Geometry I - State College ...

MAC2311 - Calculus I Summer 2020. Chapter Review Sessions Date/Time Location; MAC2311 Exam 1 Sessions 1-4 (Lectures 1-8) Available Now: Study Edge Apps: MAC2311 Exam 2 Sessions 5-7 (Lectures 9-17) Available Now: Study Edge Apps: MAC2311 Exam 3 Session 8 (Lectures 18-19) ...

### MAC2311 - Calculus I - Study Edge

Students who plan to take three semesters of Calculus: MAC2311, MAC2312, and MAC2313 can purchase a multi-term access online via WebAssign (after the student logs in) for \$125 and that includes the e-book. An online purchase at WebAssign should only be considered for those students who need multi-term. e-Learning, Canvas

### MAC 2311 - Calculus 1 (past course) | Shu-Jen Huang

MAC2311: (GM) Calculus I. 4. ... The course discusses applications of differential calculus, such as related rates problems, curve sketching, and optimization. The course also introduces students to definite and indefinite integrals and the Fundamental Theorem of Calculus. (This course cannot be used to satisfy upper-level degree requirements ...

### MAC 2311: (GM) Calculus I

MAC 2311 Calculus with Analytic Geometry I. Recommend completion of MAC 1140, MAC 1114, and MAC 1147 within the last two years. Major topics include limits and continuity, the derivative of algebraic, trigonometric, logarithmic, exponential functions, inverse trigonometric functions, hyperbolic and inverse hyperbolic functions, implicit ...

### MAC 2311 | Course List | SPC

Appropriate score on the UCF Math Placement Exam, or MAC 1140C with a “C” (2.0) or better and MAC 1114 with a grade of “C” (2.0) or better, or combination of appropriate score on the UCF Math Placement Exam and “C” (2.0) or better in MAC 1114 or MAC 1140C, or MAC 2147 or score of 3 or better on the Calculus AB Advanced Placement Exam, or C.I.

### MAC 2311C Calculus with Analytic Geometry I - Mathematics

Calculus I, MAC2311, §U15 | Fall 2018 Instructor: Zhongming Wang. E-mail: zwang6@fiu.edu. Phone: 305-348-1754. Office/Hours: DM 437B/ MF 11-12, W 10-11 or by appointment Textbook: Thomas' Calculus, Early Transcendentals - 14 th Edition, by Hass, Heil, Weir, Publisher: Pearson. This text is packaged with MyLabsPlus access code and the ISBN for the value pack is: ISBN is 0135430909 or ...

### Calculus I, MAC 2311 - Florida International University

FIU Mobile Application. Limits, derivatives and their formulas, applications of derivatives, introduction to anti derivatives, introduction to parametric curves.

### MAC 2311 Details | FIU Mobile

Description: Differentiation, limits, differentials, extremes, indefinite integral. Credit Hours: 4: Prerequisites: C (2.0) or better in MAC 1114 and C (2.0) or better in MAC 1140, or C (2.0) or better in MAC 1147, or 670 or better SAT Math score, or 29 or better ACT Math score, or 90 or better College-Level Math CPT score; Corequisites:

### MAC 2311 - University of South Florida

Calculus I: MAC2311 Midterm 1 A - Page 3 of 4 9/17/2019 3. Consider the graph of  $y = x^2 + 2x + 3$ . Then  $y_0 = 2x + 2$ . Find all points on the graph where the tangent line is horizontal. (Write your answer as a coordinate pair (x;y)) Solution  $y_0 = 0 = 2x + 2 \Rightarrow 2x = -2 \Rightarrow x = -1$  then  $y(-1) = (-1)^2 + 2(-1) + 3 = 4$  The tangent line is horizontal at the point (-1,-4) 4.

### Calculus I: MAC2311 Name: Fall 2019 Midterm 1 A Section ...

Calculus I: MAC2311 Midterm 2 A - Page 4 of 6 10/15/2019 3. The position of a particle moving along a horizontal axis at time  $t$  is given by  $s(t) = t^2 + 4t + 3$ , where  $t$  is measured in seconds and  $s(t)$  is measured in meters. (a)What is the velocity of the particle at time  $t = 0$ ? Solution  $v(t) = s'(t) = 2t + 4 \Rightarrow v(0) = 2(0) + 4 = 4$  meters per second

### Calculus I: MAC2311 Name: Fall 2019 Midterm 2 A Section ...

Optimization Calculus - Fence Problems, Cylinder, Volume of Box, Minimum Distance & Norman Window - Duration: 1:19:15. The Organic Chemistry Tutor 444,894 views 1:19:15

### MAC 2311- Calculus with Analytic Geometry I

Calculus is, in essence, the mathematics dealing with continuously changing quantities. While there are deep theoretical and philosophical issues related to the very notion of continuity, this course will focus primarily on the mathematical techniques developed to quantify change and their applications.

### MAC 2311 Course Introduction

MAC2311-004, Calculus-Analytic Geometry I, Spring 2017. Instructor: Dr. Shi Bai Office: SE230 of Science & Engineering Bldg Email: sbai@fau.edu Lecture time and location: W F 12:00PM-01:50PM in SC178 Office Hours: Friday 2-4pm; and by appointment. Also, feel free to come to the office whenever time permits, questions and discussions are welcome.

### MAC 2311: Calculus-Analytic Geometry I

The combination of AP Calculus AB and MAC 2512 has the same content as the MAC 2311/2312 sequence. Calculus 2 topics to which the student has been exposed in AP Calculus AB are covered more quickly in MAC 2512 than in MAC 2312. (M) Credit will be given for, at most, one of MAC 2312, MAC 2512 and MAC 3473. Prerequisite: AP credit for MAC 2311.