FREQUENTLY ASKED QUESTIONS ABOUT THE INTERMEDIATE ALGEBRA DIAGNOSTIC TEST AND THE CALCULUS READINESS DIAGNOSTIC TEST

1. I am exempt from taking the ELM (Entry Level Math) test, so do I still need to take the Intermediate Algebra Diagnostic (IAD) or the Calculus Readiness test (CR)?

YES, IF YOU WANT TO TAKE EITHER MATH 29 (PRE-CALCULUS) OR MATH 30 (CALCULUS 1) DURING THE FALL 2014 SEMESTER. A PASSING AP CALCULUS EXAM SCORE of 3 WILL ALSO ALLOW YOU TO BE IN CALCULUS 1.

2. I am currently taking AP Calculus. Should I take the Calculus Readiness test (CR)?

YOU CAN TAKE THE CALCULUS READINESS TEST (CR) IF YOU PLAN TO TAKE CALCULUS 1 DURING THE FALL 2014 SEMESTER. IF YOU SCORE A 4 OR A 5 ON THE AP CALCULUS EXAM, YOU ARE ELIGIBLE TO TAKE CALCULUS 2 DURING THE FALL SEMESTER.

3. I am currently taking Algebra 2. Should I take the Intermediate Algebra Diagnostic Test (IAD)?

YES. THE RESULTS DETERMINE IF YOU ARE READY TO TAKE PRE-CALCULUS (Math 29) IN THE FALL SEMESTER.

4. I am currently taking Pre-Calculus, Trig or Math Analysis. Which test should I take?

TAKE THE EXAM FOR THE COURSE YOU WANT TO TAKE IN THE FALL.

5. Will I have a chance to take this exam again before the fall semester?

YES, DURING FRESHMAN ORIENTATION THIS SUMMER AND AGAIN DURING THE FIRST WEEK OF THE FALL SEMESTER.

6. What should I do if I do not pass either exam?

TAKE A SUMMER CLASS TO REVIEW YOUR MATH SKILLS AT A LOCAL COMMUNITY COLLEGE OR TAKE AN ON-LINE MATH REVIEW PROGRAM LIKE ALEKS.COM OR TRY USING KHAN ACADEMY KHANACADEMY.ORG, A WEBSITE OF MATH REVIEW VIDEOS.
7. Can I use the math testing result sheet as official proof that I passed the exam?

YES.

Description of MATH 30 - Calculus I

Functions and their graphs; limits; the derivative and some of its applications; trigonometric and hyperbolic functions and their inverses; the integral; the fundamental theorem; some applications of the integral.

Prerequisite: MATH 29 (Pre-Calculus) or four years of high school mathematics which includes two years of algebra, one year of geometry, and one year of mathematical analysis; completion of ELM requirement and a passing Pre-Calculus Diagnostic Test score.

Description of MATH 29 - Pre-Calculus Math

Designed to prepare students for Calculus. Topics: trigonometry, points and lines in the Cartesian plane; lines and planes in space; transformation of coordinates; the conics; graphs of algebraic relations; the elementary transcendental functions.

Prerequisite: MATH 11 or three years of high school mathematics which includes two years of algebra and one year of geometry; completion of ELM requirement and a passing score on the Intermediate Algebra Diagnostic Test.

**Which test to take:** IAD (Intermediate Algebra)/ CR (Calculus Readiness)

<table>
<thead>
<tr>
<th>For this class...</th>
<th>Take this test</th>
<th>Test Details</th>
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<tbody>
<tr>
<td>Math 26A (Construction Management majors take this Calc 1 class)</td>
<td>IAD</td>
<td>45 multiple choice questions</td>
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<tr>
<td>Math 29 Pre-Calculus</td>
<td>IAD</td>
<td>60 minutes No Calculators</td>
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<tr>
<td>Chem 1A Chem 4</td>
<td>BRING Photo Id &amp; pencil/eraser</td>
<td>Scantron provided</td>
</tr>
<tr>
<td>Math 11</td>
<td>IAD</td>
<td>same as above</td>
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How to study for your diagnostic test: (click on choice to get details)

<table>
<thead>
<tr>
<th>IAD</th>
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<tbody>
<tr>
<td>Study Guide Booklet</td>
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<td>Solutions Manual</td>
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<td>Practice Tests</td>
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How can you study before the test?

Study guide called *Mathematics Diagnostic Tests: Descriptions, Sample Tests and Study Guides.*

Three sample tests and answers are available. The sample tests are EGAD, IAD, and Calculus Readiness. Available in the Hornet Bookstore (second floor). Also available as a pdf printable version--click here.

**Selected Solutions Manual** which works out the questions step by step for the IAD sample test in the *Diagnostic Tests Study Guide.* Available in the Hornet Bookstore (second floor).

**IAD Practice tests:** Here are 4 forms of a Practice IAD test. Each has 45 multiple choice questions, a practice scantron, and the answer key. Give yourself 60 minutes to work the problems.

Form A Form B Form C

You can check your level of readiness for the **Calculus Readiness Diagnostic test** by following this link to the on-line web-based Calculus Readiness test for a practice test formulated by the California Mathematics Diagnostic Testing Project.

http://mdp.ucsd.edu/crtest/intro4.asp