Mathematics Skills

RECOMMENDED COURSE SEQUENCE

MATH 105
Arithmetic for College Students

MATH 110
Intro to Algebraic Concepts

MATH 115
Elementary Algebra

MATH 125
Intermediate Algebra

MATH 120
Plane Geometry

MATH 241
Trigonometry with Vectors

MATH 260
Pre-Calculus

MATH 261
Calculus I

MATH 262
Calculus II

MATH 263
Calculus III

MATH 272
Direct Match

MATH 270
Linear Algebra

MATH 272
Intro to Number Theory

MATH 273
Intro to Object Orient Programming (C++)

MATH 275
Ordinary Differential Equations

MATH 280
Introduction to Numerical Analysis

MATH 286
Partial Diff. Equations in the Natural Sciences

CALCULATOR USAGE IN MATHEMATICS

The following are types of calculators which are acceptable for use in mathematics classes.

A scientific calculator is the basic level that should be used in these classes. A Business Analyst calculator should be used if the student expects to be majoring in business related fields. A Graphing calculator is useful if the student is going on to higher courses in mathematics.

The list below indicates which calculators are approved for the classes offered. Where more than one calculator is listed the student can choose one of those listed.

<table>
<thead>
<tr>
<th>COURSE STATUS</th>
<th>SCIENTIFIC</th>
<th>BUSINESS</th>
<th>GRAPHIC</th>
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<tbody>
<tr>
<td>M115 Recommended</td>
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<tr>
<td>M125 Required</td>
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<td>M227 Required</td>
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<td>M230 Required</td>
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<td>M260-M263 Required</td>
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<tr>
<td>M270-M275 Required</td>
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MATH TUTORING

You can register in advance or you may walk-in, sign an attendance sheet and receive tutoring for any ELAC math class during the hours shown below. There is no charge for this tutoring and you will not be graded. The tutoring room is staffed by student tutors and ELAC instructors. The open hours for the lab are subject to change please call to verify at (323) 415-4137 or (323) 415-4191.

MAIN CAMPUS

HOURS: Monday thru Thursday, 10:00 am – 8:00 pm
Friday, 10:00 am – 4:00 pm
Saturday, 10:00 am – 6:00 pm

LOCATION: BLDG – K5 104
8963 conf 22:30-Hrs TBA CASTRO, G K5 104

SOUTH GATE CAMPUS

HOURS: Monday through Thursday, 12:00 – 7:00 pm

LOCATION: Student Center
8966 conf 22:30-Hrs TBA CASTRO, G *SG 122

*SOUTH GATE EDUCATIONAL CENTER
2340 Firestone Blvd., South Gate, CA 90280