## JAPANESE 002
(UC-CSU) 5.00 UNITS

**ELEMENTARY JAPANESE II**

Prerequisite: Japanese 1.

- **0880** lec 12:10pm-2:40pm M W CHAO, H F C2 107
- **0881** lec 10:35am-11:45am MTW Th CHAO, H F C2 107

## JAPANESE 003
(UC-CSU) 5.00 UNITS

**INTERMEDIATE JAPANESE I**

Prerequisite: Japanese 2.

- **1419** 12:10pm-2:15pm T CHAO, H F C2 107
- **1472** 1:25 hrs TBA PARSAKAR, N ON LINE
- **1473** 1:25 hrs TBA ANDERSON, O V ON LINE

For up-to-date information on this and other online courses, please check the website, www.online.elac.edu.

## JOURNALISM

**JOURNALISM 101**
(UC-CSU) 3.00 UNITS

**COLLECTING AND WRITING NEWS**

- **0891** lec 10:35am-12:00pm M W STAPLETON, J A E7 301
- **6012** lec 3:30pm-4:55pm T Th RICO SANCHEZ, S Y *SGEC 106

**JOURNALISM 102**
(UC-CSU) 3.00 UNITS

**BUSINESS LAW II**

(UC credit limit for Law 1+2 combined: maximum credit, one course.)

- **1478** 3:10 hrs TBA LIPSCOMB, R C ON LINE

For up-to-date information on this and other online courses, please check the website, www.online.elac.edu.

## Library Science

**LIBRARY SCIENCE 101**
(UC-CSU) 1.00 UNITS

**LIBRARY RESEARCH METHODS**

- **1564** 1:20 hrs TBA GUY, A L ON LINE

(11 Week Class - Starts 9/24/2012, Ends 12/7/2012)

- **1805** lec 9:00am-10:30am F MONTENEGRO, E F3 103

(9 Week Class - Starts 9/28/2012, Ends 12/7/2012)

- **6043** lec 3:30pm-5:00pm W LOPEZ, G *SGEC 109

(10 Week Class - Starts 9/19/2012, Ends 11/9/2012)

*South Gate Educational Center
2340 Firestone Blvd., South Gate, CA 90280

**LIBRARY SCIENCE 102**
(UC-CSU) 1.00 UNITS

**INTERNET RESEARCH METHODS**

- **1503** 1:05 hrs TBA LEE, U H ON LINE

(8 Week Class - Starts 9/17/2012, Ends 11/9/2012)

For up-to-date information on this and other online courses, please check the website, www.online.elac.edu.
LOGISTICS 101 1.00 UNITS Rpt T

**INTRODUCTION TO LOGISTICS IN THE NONTRADITIONAL OFFICE**

This short-term course explores the concepts of logistics in the nontraditional office setting. The emphasis is on state-of-the-art logistics technologies, procedures, and terminology relevant to the mobile workforce, worksite environment, and the ‘virtual office’ environment. Topics include handheld devices used in inventory and tracking, GIS (Geographic Information Systems) used in distribution, GPS (Global Positioning Satellites) used in transportation, and a survey of the logistics/warehousing industry as well as job opportunities and careers.

1504 2:05 hrs TBA GARCIA, D D ON LINE
(8 Week Class - Starts 8/27/2012, Ends 10/19/2012)

For up-to-date information on this and other online courses, please check the website, www.online.elac.edu.

1858 lec 12:10pm-2:15pm M GARCIA, D D E7 404
(8 Week Class - Starts 10/22/2012, Ends 12/10/2012)

LOGISTICS 102 2.00 UNITS

**BUSINESS TERMINOLOGY FOR LOGISTICS**

This course is designed to introduce standard warehousing terminology with applications throughout the manufacturing, wholesale, retail and logistics industries.

1505 4:15 hrs TBA GARCIA, D D ON LINE
(8 Week Class - Starts 8/27/2012, Ends 10/19/2012)

For up-to-date information on this and other online courses, please check the website, www.online.elac.edu.

1872 lec 10:35am-12:40pm T Th GARCIA, D D E7 404
(16 Week Class - Starts 10/22/2012, Ends 12/14/2012)

LOGISTICS 103 2.00 UNITS

**RECORDS MANAGEMENT FOR LOGISTICS**

This course introduces core records management principles, procedures, and office skills relating to inventory recordkeeping. The course teaches the standard terminology, practice, and computer technology that is used to maintain and share inventory records.

1555 4:15 hrs TBA GARCIA, D D ON LINE
(8 Week Class - Starts 10/22/2012, Ends 12/14/2012)

For up-to-date information on this and other online courses, please check the website, www.online.elac.edu.

Evening Classes
3344 lec 6:50pm-8:55pm Th GARCIA, D D E7 404

LOGISTICS 104 (CSU) 3.00 UNITS

**LOGISTICS: CORNERSTONE ESSENTIALS**

Introduces the fundamental knowledge, skills, and competencies to accomplish the critical workplace activities that are common to all logistics facilities across a global supply chain. Successful completion of this course will prepare students to sit for the MSSC Certified Logistics Technician (CLT) National Logistics Certification Exam. Note: This course is suitable for students who have completed LOGISTICS 101, 102 and 103; students with prior logistics work experience; or veterans. Enrollees must meet this criterion. This is a grant-supported course and a standard form required by the grant must be signed to be eligible to enroll into this class.

Evening Classes
1873 lec 6:50pm-10:00pm W GARCIA, D D E7 404
& lec 9:00am-10:05am S GARCIA, D D E7 404
& lab 10:05am-12:10pm S GARCIA, D D E7 404
& lab 2:15 hrs TBA GARCIA, D D E7 404
(8 Week Class - Starts 8/27/2012, Ends 10/20/2012)

9610 lec 6:50pm-10:00pm M GARCIA, D D E7 404
& lec 1:00pm-2:25pm S GARCIA, D D E7 404
& lab 2:25pm-4:55pm S GARCIA, D D E7 404
& lab 1:25 hrs TBA GARCIA, D D E7 404
(8 Week Class - Starts 10/22/2012, Ends 12/15/2012)

LOGISTICS 105 (CSU) 3.00 UNITS

**GREEN LOGISTICS AND GIS TECHNOLOGY**

Introduces environmentally sustainable concepts, technology, and “Green” sustainable logistics practices within transportation geography, along with mid-technical level material handling competencies. Successful completion of this course will prepare students to sit for the MSSC Certified Logistics Technician (CLT) National Logistics Certification Exam.

Evening Classes
3802 lec 6:50pm-10:00pm M HOLGUIN, R T E7 306

Note: This course is ONLY suitable for students who have completed LOGISTICS 104. Enrollees must meet this criterion. This is a grant-supported course and a standard form required by the grant must be signed to be eligible to enroll into this class.

Evening Classes
9603 lec 6:50pm-10:00pm W GARCIA, D D E7 404
& lec 9:00am-9:30am S GARCIA, D D E7 404
& lab 9:30am-12:25pm S GARCIA, D D E7 404
& lab 1:20 hrs TBA GARCIA, D D E7 404
(8 Week Class - Starts 10/22/2012, Ends 12/15/2012)

9611 lec 6:50pm-10:00pm M GARCIA, D D E7 404
& lec 1:00pm-2:25pm S GARCIA, D D E7 404
& lab 2:25pm-4:35pm S GARCIA, D D E7 404
& lab 1:25 hrs TBA GARCIA, D D E7 404
(8 Week Class - Starts 8/27/2012, Ends 10/20/2012)
## Mathematics Skills

### RECOMMENDED COURSE SEQUENCE

<table>
<thead>
<tr>
<th>ELEMENTARY EDUCATION</th>
<th>LIBERAL ARTS</th>
<th>CSULA BUSINESS &amp; SOCIAL SCIENCES</th>
<th>OTHER MAJORS</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 110</td>
<td>MATH 215</td>
<td>MATH 230</td>
<td>MATH 227</td>
</tr>
<tr>
<td>Intro to Algebraic Concepts</td>
<td>Principles of Mathematics I</td>
<td>Math for Liberal Arts Students</td>
<td>Statistics</td>
</tr>
<tr>
<td>MATH 115</td>
<td>MATH 216</td>
<td>MATH 235</td>
<td>MATH 227</td>
</tr>
<tr>
<td>Elementary Algebra</td>
<td>Principles of Mathematics II</td>
<td>Finite Math</td>
<td>Statistics</td>
</tr>
<tr>
<td>MATH 120</td>
<td>MATH 227</td>
<td>MATH 236</td>
<td>MATH 227</td>
</tr>
<tr>
<td>Plane Geometry</td>
<td>Calculus for Business &amp; Social Sciences</td>
<td>Calculus</td>
<td>Statistics</td>
</tr>
<tr>
<td>MATH 241</td>
<td>MATH 217</td>
<td>MATH 245</td>
<td>MATH 230</td>
</tr>
<tr>
<td>Trigonometry with Vectors</td>
<td>Statistics</td>
<td>College Algebra</td>
<td>Math for Liberal Arts Students</td>
</tr>
<tr>
<td>MATH 260</td>
<td>MATH 218</td>
<td>MATH 246</td>
<td>MATH 245</td>
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<tr>
<td>Pre-Calculus</td>
<td>Calculus I</td>
<td>Calculus I</td>
<td>College Algebra</td>
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<tr>
<td>MATH 261</td>
<td>MATH 219</td>
<td>MATH 247</td>
<td>Social Sciences</td>
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<td>Calculus I</td>
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<td>College Algebra</td>
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<td>MATH 262</td>
<td>MATH 220</td>
<td>MATH 248</td>
<td>SEE COUNSELOR</td>
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<tr>
<td>Calculus II</td>
<td>Introduction to Numerical Analysis</td>
<td>Calculus</td>
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<tr>
<td>MATH 270</td>
<td>MATH 221</td>
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<tr>
<td>Calculus III</td>
<td>Calculus III</td>
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<tr>
<td>MATH 263</td>
<td>MATH 222</td>
<td>MATH 250</td>
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<tr>
<td>Calculus III</td>
<td>Ordinary Differential Equations</td>
<td>Calculus IV</td>
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<tr>
<td>MATH 273</td>
<td>MATH 223</td>
<td>MATH 251</td>
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<tr>
<td>Intro to Object Oriented Programming (C++)</td>
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<td>MATH 275</td>
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<td>Ordinary Differential Equations</td>
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<td>MATH 276</td>
<td>MATH 225</td>
<td>MATH 253</td>
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<tr>
<td>Partial Diff. Equ. in the Natural Sciences</td>
<td>Calculus VII</td>
<td>Calculus VII</td>
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<td>MATH 286</td>
<td>MATH 226</td>
<td>MATH 254</td>
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<tr>
<td>Calculus III</td>
<td>Introduction to Numerical Analysis</td>
<td>Calculus VIII</td>
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</tr>
</tbody>
</table>

### 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>
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</tr>
<tr>
<td>M125</td>
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<td>M227</td>
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<td>M230</td>
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<td>M241</td>
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<td>M245</td>
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<tr>
<td>M260-M263</td>
<td>X</td>
<td>X</td>
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<tr>
<td>M270-M275</td>
<td>X</td>
<td>X</td>
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</tbody>
</table>

### 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 – F5-107  
**SCHEDULE:** 8963 conf 22:30-Hrs TBA  
**TUTOR:** CASTRO, G  
** CAPACITY:** K5

#### SOUTH GATE CAMPUS

**HOURS:** Monday through Thursday, 12:00 – 7:00 pm  
**LOCATION:** Student Center  
**SCHEDULE:** 8966 conf 22:30-Hrs TBA  
**TUTOR:** CASTRO, G  
**CAPACITY:** SG 122

Science, Technology, Engineering, Mathematics, and Computer Science (Stem Track)

Note: Students may take M120 and M125 simultaneously or in reverse order as long as the M115 prerequisite is met

Note: Students may take M241 and M260 simultaneously or in reverse order as long as both the M120 and M125 prerequisites are met

*For South Gate Education Center*  
2340 Firestone Blvd., South Gate, CA 90280
MATH ADVEMENT PROGRAM

These courses are 8-week courses that are part of the Math Advancement Program (MAP). Math 115 is offered during the first half of the semester and Math 125 is offered during the second half. Each MAP course includes a mandatory non-credit lab component that will be scheduled on Wednesdays between 10:00 am and 3:00 pm. There is a materials fee for the program. Please see the Counseling Department for more information.

MATHMATICS 115 5.00 UNITS

ELEMENTARY ALGEBRA

Prerequisite: Satisfactory completion of Math 110 or Math 112, or acceptable level of skill as demonstrated in the mathematics placement process.

Note 1: Students who have completed Math 113 and Math 114 may not enroll in Math 115.

Note 2: All qualified students are welcome to enroll in MAP Math 115, but be aware that you will be expected to enroll in the MAP Math 125 during the second half of the semester.

Note 3: There is a mandatory orientation the Friday before the first day of class.

MATHMATICS 125 5.00 UNITS

INTERMEDIATE ALGEBRA

Prerequisite: Satisfactory completion of Math 115 or acceptable level of skill as demonstrated in Mathematics Placement Process.

Note 1: A scientific or business calculator is required for this class.

Note 2: Enrollment in the MAP Math 125 course will not open until mid-semester.

Note 3: There is a mandatory orientation the Friday before the first day of class for students joining MAP starting in Math 125.

East Los Angeles College’s award-winning Escalante Math and Science Program offers disadvantaged inner-city middle and high school students academically rigorous mathematics courses to prepare them for college-level math and science careers. Escalante teachers have extensive experience and enthusiasm for teaching young people math. Tutors help students keep up with the college-level pace of the seven-week summer classes. Once students master algebra and geometry, they are able to take trigonometry, calculus and advanced calculus during their junior and senior high school years and often decrease their number of years in college.

“[I’ve taught] math at all levels from middle school through college,” comments Fernandez. “I have found that youngsters love math but then many have a bad experience and turn off. I try to use psychology to help students get over previously painful experiences and show them they are not the only ones to experience math anxiety. To be successful, I make my lectures friendly and don’t assume they understand. Today we can look up anything on-line, so memorization is less important than knowing how to use numbers logically. Students respond positively to math when they see how it can be used to solve every-day problems.”

MATHMATICS 105 (NDA) 3.00 UNITS

ARITHMETIC

Note: This course will be offered on a pass/no-pass basis only.

MATHMATICS 107 1.00 UNITS

HOW TO DO WORD PROBLEMS

MATHMATICS 110 (NDA) 5.00 UNITS

INTRODUCTION TO ALGEBRAIC CONCEPTS

Prerequisite: Satisfactory completion of Math 105 or acceptable level of skill as demonstrated in Mathematics Placement Process.

FERNANDO FERNANDEZ < meet elac people >
The highlighted classes above have a mandatory on-campus orientation and on-campus exams. If you cannot attend the orientation, you must notify the instructor in advance. If you do not notify the instructor and do not attend the orientation, you may be excluded from the course. Information about the mandatory on-campus exams will be available in http://www.onlinemath.elac.edu. For up-to-date information on this and other online courses, please check the website, http://www.online.elac.edu.

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**MATHEMATICS 112**

**PRE-ALGEBRA**

Prerequisite: Satisfactory completion of Math 105 or acceptable level of skill demonstrated in the mathematics placement process.

**MATHEMATICS 115**

**ELEMENTARY ALGEBRA**

Prerequisite: Satisfactory completion of Math 110 or Math 112, or acceptable level of skill as demonstrated in the mathematics placement process.

**MATHEMATICS 120**

**PLANE GEOMETRY**

Prerequisite: Satisfactory completion of Mathematics 115 or acceptable level of skill as demonstrated in Mathematics Placement Process.

**MATHEMATICS 125**

**INTERMEDIATE ALGEBRA**

Prerequisite: Satisfactory completion of Math 115 or acceptable level of skill as demonstrated in Mathematics Placement Process.

Note: A scientific or business calculator is required for this class.

**Note:** Students who have completed Math 112 may not enroll in Math 114.

**Note:** To enroll, students must see a counselor in B2 107.

**Mathematics 125 is also offered through ITV. Please see schedule ad on page 127.**
MATHEMATICS 185  
(CSU) 1.00 UNITS Rpt 2

DIRECTED STUDY - MATHEMATICS
lec 1:00pm-2:05pm W HUANG, S G8 115
To enroll, students must see a counselor in B2 107.

MATHEMATICS 215  
(UC-CSU) 3.00 UNITS

PRINCIPLES OF MATHEMATICS I
Prerequisites: Satisfactory completion of Mathematics 125.
0998 lec 12:15pm-1:40pm M W PHAN, H C2 123

MATHEMATICS 216  
(UC-CSU) 3.00 UNITS

PRINCIPLES OF MATHEMATICS II
Prerequisites: Satisfactory completion of Mathematics 215.
1010 lec 12:20pm-1:45pm T Th CHIEN, G S B6 101

MATHEMATICS 227  
(UC-CSU) 4.00 UNITS

STATISTICS
Prerequisite: Satisfactory completion of Math 125, or acceptable level of skill as demonstrated in Mathematics Placement Process.

Evening Classes
1012 lec 12:15pm-2:20pm M W STAFF C2 113

Note: A calculator will be required. See instructor about specific kind needed.

MATHEMATICS 186  
(CSU) 1.00 UNITS

MATHEMATICS 230  
(UC-CSU) 3.00 UNITS

MATHEMATICS FOR LIBERAL ARTS STUDENTS
Prerequisite: Satisfactory completion of Math 125, or acceptable level of skill demonstrated in Mathematics Placement Process.
0975 lec 12:20pm-1:45pm M W FERNANDEZ, F M C2 127A

1475 3:10 hrs TBA OH, S ON LINE

The highlighted class above has a mandatory on-campus orientation and on-campus exams. If you cannot attend the orientation, you must notify the instructor in advance. If you do not notify the instructor and do not attend the orientation, you may be excluded from the course. Information about the mandatory on-campus orientation and exams will be available in http://www.onlinemath.elac.org. For up-to-date information on this and other online courses, please check the website, http://www.online.elac.edu.

MATHEMATICS 235  
(UC-CSU) 5.00 UNITS

FINITE MATHEMATICS
Prerequisite: Satisfactory completion of Math 125, or acceptable level of skill as demonstrated in Mathematics Placement Process.

Note: A calculator will be required. See instructor about specific kind needed.

Evening Classes
3828 lec 4:10pm-6:40pm M W JONES, O G8 125

MATHEMATICS 236  
(UC-CSU) 5.00 UNITS

CALCULUS FOR BUSINESS AND SOCIAL SCIENCE
Prerequisite: Satisfactory completion of Math 235 or Math 245.

Note: A calculator will be required. See instructor about specific kind.

Evening Classes
3833 lec 4:10pm-6:40pm T Th JONES, O B2 110

MATHEMATICS 241  
(CSU) 4.00 UNITS

TRIGONOMETRY WITH VECTORS
Prerequisite: Satisfactory completion of Math 212 and 120, or acceptable level of skill as demonstrated in Mathematics Placement Process.

Note: A scientific calculator is required for this class. See instructor about the specific kind needed.

Evening Classes
3817 lec 4:10pm-6:15pm T Th STAFF C2 123
3825 lec 4:10pm-6:15pm M W STAFF C2 127C
3839 lec 6:50pm-8:55pm T Th ZENG, A G8 123

MATHEMATICS 245  
(UC-CSU) 3.00 UNITS

COLLEGE ALGEBRA
(UC limit Math 245 and 260 combined - maximum credit four units)
Prerequisite: Satisfactory completion of Math 125 or acceptable level of skill as demonstrated in Mathematics Placement Process.

Note: A scientific calculator is required for this class. See the instructor about the specific kind needed.

Evening Classes
3840 lec 6:50pm-10:00pm T ALLEN, R T B2 104
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
<th>Time</th>
<th>Day</th>
<th>Location</th>
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</thead>
<tbody>
<tr>
<td>3843</td>
<td>ORDINARY DIFFERENTIAL EQUATIONS</td>
<td>(UC:CSU) 5.00 UNITS</td>
<td>6:50 pm-9:20 pm</td>
<td>M W</td>
<td>G8 123</td>
</tr>
<tr>
<td>3843</td>
<td>ORDINARY DIFFERENTIAL EQUATIONS</td>
<td>(UC:CSU) 5.00 UNITS</td>
<td>6:50 pm-9:20 pm</td>
<td>M W</td>
<td>G8 123</td>
</tr>
<tr>
<td>3843</td>
<td>ORDINARY DIFFERENTIAL EQUATIONS</td>
<td>(UC:CSU) 5.00 UNITS</td>
<td>6:50 pm-9:20 pm</td>
<td>M W</td>
<td>G8 123</td>
</tr>
<tr>
<td>3843</td>
<td>ORDINARY DIFFERENTIAL EQUATIONS</td>
<td>(UC:CSU) 5.00 UNITS</td>
<td>6:50 pm-9:20 pm</td>
<td>M W</td>
<td>G8 123</td>
</tr>
</tbody>
</table>

**Mathematics 263**
(UC:CSU) 5.00 UNITS

**Calculus III**
Prerequisite: Satisfactory completion of Math 262.

<table>
<thead>
<tr>
<th>Time</th>
<th>Day</th>
<th>Location</th>
</tr>
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<tbody>
<tr>
<td>9:00 am-10:25 am</td>
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<td>G8 125</td>
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<tr>
<td>9:00 am-10:25 am</td>
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<td>G8 125</td>
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**Mathematics 270**
(UC:CSU) 3.00 UNITS

**Linear Algebra**
Prerequisite: Satisfactory completion of Math 262.

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>1:45 pm-3:10 pm</td>
<td>T Th</td>
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**Mathematics 275**
(UC:CSU) 3.00 UNITS

**Ordinary Differential Equations**
Prerequisite: Satisfactory completion of Math 263.

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>9:00 am-10:25 am</td>
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<td>A2 103</td>
</tr>
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**Meteorology**
(UC:CSU) 3.00 UNITS

**Introduction to Weather and Climate**
(Same as Geography 3)

<table>
<thead>
<tr>
<th>Time</th>
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</tr>
</thead>
<tbody>
<tr>
<td>9:00 am-10:25 am</td>
<td>M W</td>
<td>B1 111</td>
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</tbody>
</table>

**Microbiology**
(UC:CSU) 4.00 UNITS

**Introductory Microbiology**
(UC credit limit: Maximum credit 1 course from Microbiology 1 and 20).

<table>
<thead>
<tr>
<th>Time</th>
<th>Day</th>
<th>Location</th>
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<tr>
<td>1:45 pm-3:10 pm</td>
<td>T Th</td>
<td>C2 120</td>
</tr>
<tr>
<td>3:30 pm-6:40 pm</td>
<td>T Th</td>
<td>C2 110</td>
</tr>
<tr>
<td>3:30 pm-6:40 pm</td>
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<td>C2 110</td>
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**Microbiology 020**
(UC:CSU) 4.00 UNITS

**General Microbiology**
(UC credit limit: Maximum credit 1 course from Microbiology 1 and 20)

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<tr>
<td>3:30 pm-6:40 pm</td>
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Note: Students must supply their own gloves and microscope slides.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Lecture Time</th>
<th>Days</th>
<th>Instructor</th>
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<tbody>
<tr>
<td>MUSIC 101</td>
<td>1:45pm-3:10pm</td>
<td>M W</td>
<td>NAGATANI, C</td>
<td>S2 117</td>
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<tr>
<td>MUSIC 111</td>
<td>12:10pm-1:35pm</td>
<td>T Th</td>
<td>NUNEZ, J</td>
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<tr>
<td>MUSIC 121</td>
<td>3:30pm-6:40pm</td>
<td>M</td>
<td>CHILINGARIAN, S</td>
<td>S2 213</td>
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<tr>
<td>MUSIC 132</td>
<td>1:15pm-2:20pm</td>
<td>M W</td>
<td>DAWSON, R B</td>
<td>S2 214</td>
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<tr>
<td>MUSIC 141</td>
<td>3:30pm-6:40pm</td>
<td>W</td>
<td>MARTINEZ, J E</td>
<td>S2 121</td>
<td>3.00</td>
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<tr>
<td>MUSIC 151</td>
<td>1:45pm-3:10pm</td>
<td>T</td>
<td>LUPICA, A J</td>
<td>S2 112</td>
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<tr>
<td>MUSIC 161</td>
<td>3:30pm-4:35pm</td>
<td>T</td>
<td>DAWSON, R B</td>
<td>S2 121</td>
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<tr>
<td>MUSIC 182</td>
<td>1:05 hrs TBA</td>
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<td>DAWSON, R B</td>
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<td>MUSIC 201</td>
<td>9:00am-10:25am</td>
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<td>NAGATANI, C</td>
<td>S2 213</td>
<td>3.00</td>
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<tr>
<td>MUSIC 211</td>
<td>10:35am-11:40am</td>
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<td>DAWSON, R B</td>
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<tr>
<td>MUSIC 241</td>
<td>10:35am-11:40am</td>
<td>M W</td>
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<tr>
<td>MUSIC 281</td>
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<tr>
<td>MUSIC 282</td>
<td>3:30pm-5:35pm</td>
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<tr>
<td>MUSIC 285</td>
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**MUSIC 101: FUNDAMENTALS OF MUSIC**

**MUSIC 111: MUSIC APPRECIATION I**

**MUSIC 121: MUSIC HISTORY AND LITERATURE I**

**MUSIC 132: MUSIC OF MEXICO**

**MUSIC 141: JAZZ APPRECIATION**

**MUSIC 151: INTRODUCTION TO ELECTRONIC MUSIC**

**MUSIC 161: INTRODUCTION TO RECORDING ARTS**

**MUSIC 181: APPLIED MUSIC I**

**MUSIC 182: APPLIED MUSIC II**

**MUSIC 183: APPLIED MUSIC III**

**MUSIC 201: HARMONY I**

**MUSIC 211: MUSIC APPRECIATION I**

**MUSIC 241: MUSIC NOTATION AND COPYING I**

**MUSIC 242: MUSIC NOTATION AND COPYING II**

**MUSIC 250: MUSIC PERFORMANCE WORKSHOP**

**MUSIC 251: JAZZ IMPROVISATION WORKSHOP**

**MUSIC 280: THE BUSINESS OF COMMERCIAL MUSIC**

**MUSIC 281: COMMERCIAL MUSIC TECHNIQUES I**

**MUSIC 282: COMMERCIAL MUSIC TECHNIQUES II**

**MUSIC 285: DIRECTED STUDY - MUSIC**

**MUSIC 285: COMPUTER MUSIC SEQUENCING**
René left California State University, Long Beach, after his freshman year. He needed a nurturing academic environment closer to home. René remembered enjoying Chicana(o) Studies classes he took at ELAC’s South Gate Center while attending Fremont High School and decided to return to ELAC. The friendly, small-college atmosphere and helpful instructors helped him regain confidence in his academic ability. He enrolled in ELAC’s Introduction to Criminal Justice taught by LAPD commander Mel Stevenson and was inspired to become a police officer. Two years later, René is ready to attend the police academy and perhaps continue his education in criminal justice.

For up-to-date information on this and other online courses, please check the website, www.online.elac.edu.

**Administration of Justice**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Units</th>
<th>Schedule</th>
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<tbody>
<tr>
<td>8058</td>
<td>Introduction to Criminal Justice</td>
<td>3.00</td>
<td>M W 8:00-10:35</td>
</tr>
<tr>
<td>8059</td>
<td>Administration of Justice 002</td>
<td>3.00</td>
<td>M W 8:00-10:35</td>
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<tr>
<td>8060</td>
<td>Concepts of Criminal Law</td>
<td>3.00</td>
<td>M W 8:00-10:35</td>
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<tr>
<td>8061</td>
<td>Legal Aspects of Evidence</td>
<td>3.00</td>
<td>M W 8:00-10:35</td>
</tr>
<tr>
<td>8062</td>
<td>Fingerprint Classification</td>
<td>3.00</td>
<td>M W 8:00-10:35</td>
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<tr>
<td>8063</td>
<td>Community Relations I</td>
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**Elac people > René Brena-Cuadro**

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MUSIC 414  
ELECTIVE VOICE IV  
Prerequisite: Music 413.  
Advisories: Music 501 and 561.  
1092 lec 10:35am-11:35am M LUPICA, A J S2 117  
1092 lab 11:35am-12:00pm M LUPICA, A J S2 117  
1092 lab 10:35am-12:00pm W LUPICA, A J S2 117

MUS 501  
ELEMENTARY VOICE IV  
Prerequisite: Music 413.  
Advisories: Music 501 and 561.  
1092 lec 10:35am-11:35am M LUPICA, A J S2 117  
1092 lab 11:35am-12:00pm M LUPICA, A J S2 117  
1092 lab 10:35am-12:00pm W LUPICA, A J S2 117

MUSIC 561  
CHAMBER CHORALE  
Advisory: Music 412, 413 or 414.  
1093 lab 1:45pm-3:10pm M W LUPICA, A J S2 117

MUSIC 611  
STRING INSTRUMENT INSTRUCTION I  
3918 lec 3:30pm-4:35pm Th CHILINGARIAN, S S2 121  
& lab 4:35pm-6:40pm Th CHILINGARIAN, S S2 121

MUSIC 651  
CLASSICAL GUITAR I  
1094 lec 9:00am-9:30am M W OSUNA, T S2 121  
& lab 9:30am-10:20am M W OSUNA, T S2 121

MUSIC 652  
CLASSICAL GUITAR II  
Prerequisite: Music 651.  
1093 lec 1:45pm-3:10pm M W LUPICA, A J S2 117

MUSIC 653  
CLASSICAL GUITAR III  
Prerequisite: Music 652.  
1093 lec 1:45pm-3:10pm M W LUPICA, A J S2 117

MUSIC 712  
MARCHING BAND  
Evening Classes  
3904 lab 6:50pm-10:00pm T Th MARTINEZ, J E S2 121

MUSIC 721  
ORCHESTRA  
Note: Subject to audition.  
Evening Classes  
3879 lab 6:50pm-10:00pm Th CHILINGARIAN, S S2 121  
& lab 1:05 hrs TBA CHILINGARIAN, S S2 721

MUSIC 733  
LATIN JAZZ ENSEMBLE  
Note: Proficiency as a band instrument.  
Evening Classes  
3887 lab 3:30pm-6:40pm T DAWSON, R B S2 121

NURSING 185  
DIRECTED STUDY - NURSING  
1924 lec 2:05 hrs TBA GAINES, L B HOSPITAL  
(8 Week Class - Starts 8/27/2012, Ends 10/19/2012)

NURSING 252  
MATHEMATICS OF DRUGS AND SOLUTIONS  
1910 lec 8:00am-1:05pm M PLOTKIN, R G9 204  
(16 Week Class - Starts 8/27/2012, Ends 10/19/2012)

NURSING 265  
FUNDAMENTALS OF NURSING  
Corequisite: Nursing 277.  
1911 lec 7:45am-12:15pm M GARCIA, M C G9 106  
& lab 7:00am-1:30pm TW STAFF HOSPITAL  
(9 Week Class - Starts 8/27/2012, Ends 10/19/2012)

NURSING 266  
NURSING PROCESS & PRACTICE IN THE CARE OF THE ADULT CLIENT I  
Corequisites: Nursing 276 and 277.  
1960 lec 7:45am-12:15pm M DU, C G9 104  
& lab 7:00am-1:30pm TW STAFF HOSPITAL  
(9 Week Class - Starts 8/27/2012, Ends 10/19/2012)