



# COURSE OUTLINE

## SECTION I: BASIC COURSE INFORMATION

- COLLEGE:** Pierce
- SUBJECT (DISCIPLINE) NAME**<sup>1</sup> (40 characters, no abbreviations): Math
- COURSE NUMBER:** 262
- COURSE TITLE:** Calculus II
- UNITS:** 5.00
- CATALOG COURSE DESCRIPTION** -- Provide a description of the course, including an overview of the topics covered:

Continues the study of calculus begun in Mathematics 261 with attention given to techniques and applications of integration as well as functions expressed in polar and parametric forms. Infinite series and expansion of functions into series and introduction to differential equations complete the course.

- CLASS SCHEDULE COURSE DESCRIPTION** -- Provide a brief description of the course, including an overview of the topics covered:

Continues the study of calculus begun in Mathematics 261 with attention given to techniques and applications of integration as well as functions expressed in polar and parametric forms. Infinite series and expansion of functions into series and introduction to differential equations complete the course.

- COLLEGE APPROVAL DATE:**

- UPDATES** (check all applicable boxes):

- |  |                                   |
|--|-----------------------------------|
| <input checked="" type="checkbox"/> <b>Content</b>                               | <b>Last Update:</b> Jan. 17, 2005 |
| <input checked="" type="checkbox"/> <b>Objectives</b>                            | <b>Last Update:</b> Jan. 17, 2005 |
| <input type="checkbox"/> <b>College Specific Course Attributes/Data Elements</b> | <b>Last Update:</b>               |
| <input type="checkbox"/> <b>Districtwide Course Attributes/Data Elements</b>     | <b>Last Update:</b>               |
| <input type="checkbox"/> <b>Other (describe)</b>                                 | <b>Last Update:</b>               |

- CLASS HOURS:**

	Hours per week (based on 18 weeks)	Total Hours per term (hrs per week x 18)	Units
Lecture:	5.00	90.00	5.00
Lab/activity (w/ homework):			
Lab/activity (w/o homework):			
<b>Total:</b>	<b>5.00</b>	<b>90.00</b>	<b>5.00</b>

<sup>1</sup> Underlined course attributes are the same for the course throughout the LACCD; all other course attributes are college specific.

**Note:** The Carnegie Rule and Title 5, section 55002 sets forth the following minimum standards: 1 unit = 1 hour lecture per week, 2 hours homework per week; **OR** 2 hours per week of lab with homework; **OR** 3 hours of lab per week without homework. The hours per week are based on a standard 18-week calendar. Lecture also includes discussion and/or demonstration hours, laboratory includes activity and/or studio hours.

## 11. PREREQUISITES, COREQUISITES, ADVISORIES ON RECOMMENDED PREPARATION, and LIMITATION ON ENROLLMENT

**Note:** The LACCD's *Policy on Prerequisites, Corequisites and Advisories* requires that the curriculum committee take a separate action verifying that a course's prerequisite, corequisite or advisory is an "appropriate and rational measure of a student's readiness to enter the course or program" and that the prerequisite, corequisite or advisory meets the level of scrutiny delineated in the policy.

Prerequisites: **Yes** (If yes, complete information below)

Subject	Number	Course Title	Units	Validation Approval Date (for official use only)
Math	261	Calculus I	5	
Score of 3 or more on the Advanced Placement (AP) Calculus AB test.				

Corequisite: **None** (If yes, complete information below)

Subject	Number	Course Title	Units	Validation Approval Date (for official use only)

Advisories: **None** (If yes, complete information below)

Subject	Number	Course Title	Units	Validation Approval Date (for official use only)

## 12. OTHER LIMITATIONS ON ENROLLMENT (see Title 5, section 58106 and Board Rule 6803 for policy on allowable limitations. Other appropriate statutory or regulatory requirements may also apply):

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