Cartography in GIS fulfills a core requirement for SRJC's GIS Certificate .

This course provides training in the knowledge of cartographic principles and the skills to implement these principles when creating a map within a Geographic Information Systems (GIS). It assists students in preparation for a career within the field of GIS. It is designed for those students who wish to produce maps which clearly communicate the results of GIS data and analysis.

## Prerequisites

Course Completion of GIS 51 OR Course Completion of APTECH 54B (or CEST399.54)

## Student Learning Outcomes

1. Interpret and critique maps.
2. Create Geographic Information Systems (GIS) maps following standard cartographic principles which can be utilized within a professional portfolio.

## Objectives

1. Create a map with clear purpose and objectives.
2. Design a map using effective fonts.
3. Use proper label placement of text to improve the interpretation of a map.
4. Implement proper color mixing using tools provided within a GIS.
5. Use color to create a more easily understood map.
6. Create custom map symbols for use within GIS.
7. Apply notation to facilitate proper interpretation of a map.
8. Create graphical representation to allow data to be displayed multiple ways.
9. Evaluate and critique maps created by others.
10. Repeating students will gain enhanced skills and proficiencies through learning and applying methodologies and tools from updated and upgraded versions of the software.

## Grade Policy

Your grade is based on the total number of points you accumulate with respect to the total number of points possible and final grades are based on the following percentages:

| Percentage | Grade |
|---|---|

| | |
|---|---|
| 90 - 100% | A |
| 80 - 89% | B |
| 70 - 79% | C |
| 60 - 69% | D |
| < 59% | F |

## Contact Information

Kevin Lacefield
klacefield@santarosa.edu