January 13th, Friday, 1:00 – 4:00 p.m. (V-114)

**Integrating Geographic Information Systems (GIS)**

**Into Multiple Disciplines**

Presenter: Mike Rudibaugh, Phd., Geography/GIS Instructor, Lakeland College, Mattoon, IL

The GIS Education Center at the Evans Campus ([www.ccsf.edu/gis](http://www.ccsf.edu/gis)) and the Computer Science Department are co-hosting a presentation on Geographic Information Systems – what it is, how it is used throughout a wide variety of disciplines, what organizations (e.g. business, industry, emergency management, and health) will be the key players in developing and using geospatial technologies, and how City College of San Francisco can become involved in this exciting technology.

GIS links location to information (such as people to addresses, buildings to parcels, or streets within a network) and layers that information to give you a better understanding of how it all interrelates. You choose what layers to combine based on your purpose. Maps provide a powerful metaphor to define and standardize how people use and interact with geographic information ([www.gis.com](http://www.gis.com)).

The GIS Education Center, in partnership with the Computer Science Department, was recently awarded a Mentorlinks Grant to enhance the advanced technological education offered at the College. City College has the opportunity to work with Mike Rudibaugh, our mentor, to integrate GIS into multiple disciplines over the next two years.

During the flex day presentation, Mike will present a census map of the nine City College campuses and overlay the map with demographic data from San Francisco that includes education, ethnicity, and income. This information will be extremely useful as a marketing tool for administrators, and general education faculty will be provided with curriculum to create an engaging learning experience.

GIS is a multi-disciplinary application, considered an enabling technology. It is being used for business analysis, crime mapping, community mapping, agriculture, demographic analysis, political mapping and cartography. This is an opportunity to learn to how to integrate GIS into your curriculum.

Please join us for this dynamic presentation.