

GIS Lab

The GIS Lab provides resources, software, and computers in order for students and faculty to perform geographic information mapping projects. GIS Lab users included students and faculty from many departments at the college and include those in the social sciences, natural sciences, and humanities. The GIS work on campus is managed by a faculty committee and Professor Michael Kirby is the committee chair. Professor Michael Kirby and David Kesler are responsible for administration of the GIS Lab.

The activities of the Student Associate would include:

- Working directly with students on projects and assisting them in the use of the GIS software.
- Working with faculty on both GIS projects and software issues.
- Managing the lab which includes checking on the equipment, working with ITS to repair equipment, backing up hard disks, and working on issues of student and faculty access.
- Assisting students involved in community engagement projects in creating GIS projects involving various areas of the city.
- Coordinating with faculty to solve problems that occur in the GIS Lab.
- Preparing data for use by faculty and students.
- Attending the GIS 222 class and working with students from the class on assignments and projects.
- Attending the meetings of the faculty GIS Committee and preparing the minutes.

The Student Associate would need the following skills:

- Background in the use of GIS software.
- A personality that makes it easy for the student to interact with faculty and students.
- Problem solving skills.
- Punctuality and an ability to keep a schedule.
- Proactive in problem solving.

Benefits to the College and Program

- The Student Associate program has provided a student to manage the day-to-day activities of the lab for many years and this has made the GIS Lab a viable project.
- The Student Associate provides the day-to-day continuity for the GIS Lab and solves many of the problems that occur in software, lab management, and hardware.