



Introduction to Free and Open Source Software for GIS (FOSS4G)

Model Course Outline

Description

An introductory course that describes Open Source software for both desktop and internet GIS applications. Students will learn the concepts of Open Source software, and the leading desktop and web mapping Open Source software packages.

Subject Matter Expert (SME)

This website contains the curriculum material required to offer a FOSS4G introductory course. The material was developed by a subject matter expert, Kurt Menke, of Birdseyeviewgis.com, using the Geospatial Technology Competency Model (GTCM) as the overall guide. The material has been vetted during two semester offerings at the Central New Mexico Community College Geomatics Information Technology program, where Kurt serves as an adjunct professor. Mr. Menke can be reached at kurt@birdseyeviewgis.com.

Model Course Contents

The course is divided into 10 units. Each unit is roughly analogous to one week during a normal college semester or term. In each of the unit folders you will find one or more Word documents and PowerPoint presentations for the lecture portion of the course. Lab material is provided in zip file format in order to facilitate downloading and installation on to your computer while maintaining the SME folder structure.

There are several types of files you will find here:

1. PowerPoints—contain slides used for lecture.
2. Readings—contain references for further reading beyond textbooks.
3. Lab zips—zipped files/folders containing all the files necessary to complete the assignments.

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