

GIST 016D: Cartographic Design for GIS

This course provides a comprehensive study of GIS applicable cartography including cartographic principles, data acquisition methods used in map production, and methods of base map development. This course covers the history, principles of cartography map projections, map scale, types of thematic maps and map accuracy. Techniques used in GIS base map development are introduced using hands-on exercises. This course includes the production of professional quality maps and hands-on work in computer assisted mapping projects.

Letter Grade

Units: 3

Lecture Hours: 48 – 54, **Lab Hours:** 0

Prerequisites: None

Co-Requisites: None

Advisory: GIST 016A

Transferable to CSU only