

GEOGRAPHIC INFORMATION SYSTEMS

GIS R106 Introduction to Geographic Information Systems 3 Units

Same-As: GEOG R106

In-Class Hours: 35 lecture, 52.5 laboratory

Advisories/Rec Prep: READ R096 or ESL R096 or ESL R100 or eligibility for ENGL C1000 or ENGL C1000H ENGL C1000

C-ID: GEOG 155

This course introduces students to computer-based mapping, Geographic Information Systems (GIS). Spatial data is used as a tool to understand the world by describing and explaining human spatial relationships and how it relates to the physical environment. Topics include vector and raster systems, map design, scale, resolution, map projection, coordinate systems, geo-referencing and Global Positioning Systems (GPS). The laboratory provides applied, hands-on learning, using spatial analysis and modeling with GIS through the use of computers.

Grade Modes: Letter Graded

Field Trips: May be required

Degree Applicability: Applies to Associate Degree

AA/AS GE: None

Transfer Credit: CSU, UC

UC Credit Limitations: None

For more information, contact:

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