

GIS TECHNOLOGY, CERTIFICATE OF TECHNICAL STUDIES

The entry level of this program is focused on Geospatial Information Science (GIS) Technology and the ability to apply it to the coastal environment. This skill is sought after in both environmental data acquisition and analysis in the industry's search for qualified employees at the entry and experienced career levels. Topics include map design fundamentals, thematic mapping, statistical cartography, the relationship of mapping to GIS, essential elements of GIS, data acquisition and analysis, visualization of output, remotely sensed imagery and GIS, GIS functions and associated applications, and spatial decision support systems.

Code	Title	Hours
BIOL 2200	Louisiana Wetlands Ecology	3
CSTL 1114	Computer Graphs & Maps	4
CSTL 1123	Fundamentals of Mapping & GIS	3
CSTL 2133	Remote Sensing I	3
CSTL 2143	GIS Theories and Concepts	3
CSTL 2153	Remote Sensing II	3
Total Hours		19