Coastal Bend College

VISION 2020 Keeping Student Success In Sight

Course Syllabus

Introduction to Geographic Systems (GIS)
GISC 1411

Course Description: Introduction to basic concepts of vector GIS using several industry specific software programs including nomenclature of cartography and geography

Semester Hours Credit: 4

Lecture/Lab Hours: This course consists of (3) lecture hours and (3) lab hours

Textbook(s): Mastering ArcGIS, Price

Student Learning Outcomes: Upon completion of this course the student will be able to:

1. Explain basic concepts of using GIS in mapping the earth in spatial terms and populating the system to access data.
2. Create and access data in the GIS's system using an appropriate software package
3. Develop and print maps with industry standard legends.
4. Operate industry standard GIS package\s on a personal computer
5. Capture positional attribute information with correct and accurate geographic referencing
6. Convert geographic information among several coordinate systems.
7. Acquire GIS's system information from databases, existing maps and the Internet
8. Annotate output for finished maps, documents, and reports.

Evaluation Methods:

Drawings & Assignments	50%
Tests	15%
Attendance and Participation	10%
Final Exam	25%
SEMESTER GRADES	100%

A 100-90 Points, B 89-80 Points, C 79-70 Points, D 69-60, F 59 & below

ADA Statement: No qualified individual with a disability shall, by reason of such disability, be excluded from participation in or be denied the benefits of the services, programs, or activities of the College District, or be subjected to discrimination by the College District. Nor shall the College District exclude or otherwise deny equal services, programs, or activities to an individual because of the known disability of an individual with whom the individual is known to have a relationship or association. 42 U.S.C. 12132; 28 CFR 35.130(g)

Special Needs Services: Students with special needs, including physical and learning disabilities, who wish to request accommodations in this course should contact the Student Development Office to make arrangements no later than the second week of class or as soon as the student has the documentation on the disability and requested accommodation per a certified medical or psychological professional . In accordance with federal law, a student requesting accommodations must provide documentation of disability to the Special Needs Advisor. For more information, please go by or contact the Student Development (sd) Office: sdbeeville@coastalbend.edu in Beeville; sdalice@coastalbend.edu in Alice; sdkingsville@coastalbend.edu in Kingsville; and sdpleasanton@coastalbend.edu in Pleasanton.

Academic Dishonesty: Each student is charged with notice and knowledge of the contents and provisions of Coastal Bend College's rules and regulations concerning student conduct. All students shall obey the law, show respect for properly constituted authority, and observe correct standards of conduct. Scholastic dishonesty shall constitute a violation of these rules and regulations and is punishable as prescribed by Coastal Bend College Policies FLB (Local) and FM (LOCAL). Scholastic dishonesty shall include, but not be limited to, cheating on a test, plagiarism, and collusion. (See the Student Handbook for further explanation of Scholastic Dishonesty.)

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Intellectual Property: Student /Third Party Works: Rights to copyrightable or patentable works created by a student or a third party, that is, not a College District employee, shall reside with the author/ creator.

NOTE: The College website (www.coastalbend.edu) serves as the main source with the most current version of Coastal Bend College Board Policies and the Coastal Bend College Catalog.