Subject: GIS 120

Email Contact Information:
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Catalog Course Description:
This course introduces fundamental concepts of geographic information and spatial analysis. Using industry standard geospatial application tools including geographic information systems (GIS), global positioning systems (GPS), and small unmanned aerial vehicle (sUAVs), students perform spatial analysis in various disciplines including but not limited to business, public safety, health, politics, civil engineering, and environmental, social, biological and geological sciences. Students learn how to organize geospatial data; visualize spatial patterns by aggregating numbers by areas, analyzing ratios and proportions, generating scatterplots, qualifying volumes and areas, and performing map algebra; and interpret correlations or suitable locations based on provided or researched criteria.

Student Learning Outcomes:
Student will be able to demonstrate the use of GIS functions with critical thinking skills to solving geospatial problems

Student attends minimum of 75% of class meetings and assignment completion

The student can prepare and geocode table of addresses, classify data using qualitative and quantitative data, join tables, digitize and perform spatial selections

Student understands the applications of GIS in their respective field of work and or study.

Student can use various methods to share intuitive deliverables using industry standards, conventions.

By logging into Canvas you affirm that you are the student who enrolled in the course(s) and are the person who will complete the assigned work. Furthermore, you agree to follow the regulations regarding academic integrity, personal identification and the use of student information as described in BP 5500 (Standards of Conduct) and AP 5520 (Student Conduct Procedures) which are the Rio Hondo College student conduct codes that govern student rights and responsibilities. You acknowledge that failure to abide by the regulations set forth in BP 5500 and AP 5520 may result in disciplinary action, including expulsion from the college.

This is NOT a self-paced course. There are firm deadlines in this class. There are assignments due on a regular basis. Please plan your time carefully!

Textbook: Please consult the Bookstore for information at (562) 463-7345 or go to Rio Hondo College Online Bookstore

Over the course of the semester there will be regular instructor student contact.

Methods of student contact include:
Students meet for minimum of initial hour of each scheduled class meeting. All meetings are recorded and accessible the same evening. Faculty office hours will be posted both on Canvas and syllabus. Faculty contact can be made both thru email and Slack. Information on methods of student contact will be covered at first class meeting and convenient links on the Canvas page.
The instructor may drop you for non-participation.

There will be a one to three business day delay after an add code is used before a student may be able to log on to Canvas.

For students new to online classes, it is highly recommended that you take the Online Orientation through our Online Education website. This will help explain what online classes are like and familiarize you with how the class is laid out. The orientation can be found at: http://www.riohondo.edu/canvas-orientation/

Email Responses: Instructors will make every attempt to respond to students in a timely fashion. Responses can take up to 48 hours before a response is received, excluding weekends and holidays.

Disability: A Student with a verified disability may be entitled to appropriate academic accommodations. Please contact your instructor and/or the Disabled Students & Programs office at 562-908-3420 for more information.

Modifications and Disclaimer: The instructor reserves the right to modify the content of the course or any course procedure. It is the responsibility of the student to keep apprised of all changes. If the student wishes to drop the class he/she is responsible for initiating the drop. Do not take it for granted that you will be dropped. If you stop working and do not drop the course, you may get an undesirable grade.

Additional Information:
Registered students will have access to campus high tech computer lab via remote desktop. No software install on your personal computer is required however is an option if preferred.

Students are required to register for Spring 2021 Open Lab section (ACEDD Skill Development). This will provide you access to the lab. There is no fee for registering for CRN 35946