

# GIS ENTRY LEVEL COURSE AND GIS INDUSTRY BASED CERTIFICATION

Global Geospatial Institute

Course Provider and IBC Certifying Agency

Fall 2020



**GLOBAL  
GEOSPATIAL  
INSTITUTE**

LET'S START WITH THE BASICS



# OUTLINE

- About the Course
  - Platform is Esri ArcGIS Online (AGOL)
- The Course
  - GIS Entry Level using ArcMap Desktop 10.3 software
- The GIS Industry Based Certification
  - Exam delivered by AEST



GIS  
COURSE  
(010103)

- Course grade is based on Assignments from each Chapter in the textbook.
- Grading policy.
  - Assignments are due every Saturday by 11:59 pm.
  - Assignments not turned in by due date are penalized by 5 pts.
  - Assignments not turned in can be submitted within the following week by 11:59 pm Saturday.
- A request for a **regrade** must be submitted to the Instructor via email within a two-week period.

# ASSIGNMENTS

Example of assignment that has been worked.

Solar and Wood Fuel Types by County

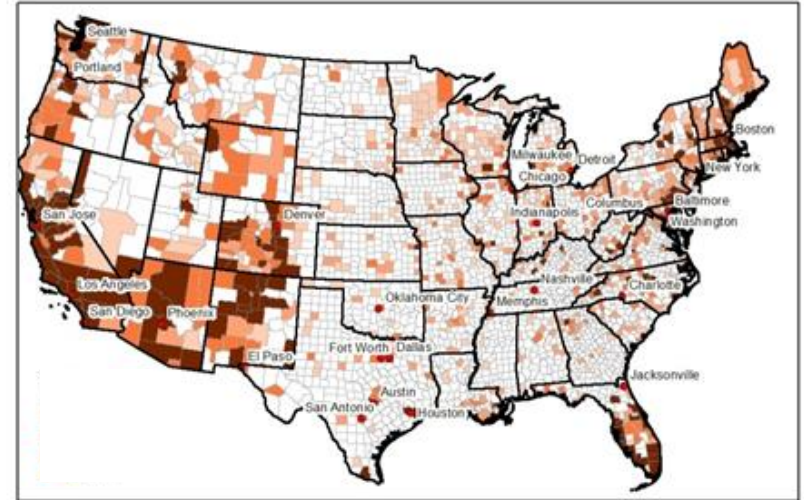


Data source: US Census 5-year estimates (2004-2010)

# ASSIGNMENTS

Example of assignment that has not been worked.

These assignments will be given a -0- and lose the opportunity for a regrade.



## GIS IBC EXAM

- On a Wednesday, maybe a Saturday, in December  
– Testing Agency is AEST – Florida Farm Bureau
- Review Day will be December - 80 Multiple Choice Questions
- Do well in the course you should pass the exam with no problem

## THE IBC ~ BIG PICTURE

- There are three main objective of this course:
  - Pass the course at 70% to qualify to sit for the exam
  - Sit for the exam and pass it to earn a Certificate
  - To be qualified for gainful employment as a GIS Technician.
    - Final project comes into play here
    - Story maps you being able to communicate about GIS and what it is
    - Preparation for interview, internships and GIS Position.



## THE TEXTBOOK

- Logging into ArcGIS Online (AGOL), waffle for Story Maps. Mr. Gonzales will make available video, step-by-step.
- Thu/Frid zoom we will go into detail about Story Maps, maybe someone will be ready to share their Story Map.
  - Between now and then get your topic, together, photos, information.
  - Before that if you have problems, see Mr. Gonzales. If Mr. Gonzales needs to he can reach out to us.

## STANDARDS AND LEARNING OBJECTIVES STORY MAPS

- Learning to work inside of an ArcGIS Online
- Learning the technology/templates (three components of every Story Map)
- Soft skills – presentation, voice projection, communicating data and meaning of
- Geography, information and media
- An application one can use for any subject matter at school.
- Mutually intellectual communication between presenter and audience.  
Audience is also a participate, they can interactively participate!
- **Data is in a geographic context!!!!**

## IMPORTANT LEARNING COMPONENTS

- To reinforce learning skills! Open your books let's look at how it works!!!
- **YOUR TURN ASSIGNMENTS:** are Step-by-step exercises designed to provoke critical problem-solving skills (pg 68)
- Your Turn assignments are included throughout each Chapter with Challenging Homework Assignments at the end of each Chapter.
- The quickest way to increase GIS skills is to follow up step-by-step instructions with independent work, and the assignment provide these important learning components; standards and learning objective (I CAN)
- Note: you must complete **most YOUR TURN** (at the end of Tutorials) assignments to work on subsequent exercise steps.

## WEEKLY SCHEDULE FOR GIS COURSE

- Monday and Tuesday – Lecture
- Thursday – Friday Zoom Discussion Session – Q & A
- Homework/Assignments due by 11:59 am on Saturday

# SCHEDULE FOR COURSE

<b>Aug 16</b> <b>Part I</b>	<b>Aug 23</b>	<b>Aug 30</b>	<b>Sept 6</b> <b>Part II</b>	<b>Sept 13</b>	<b>Sept 20</b>	<b>Mid-Term</b>	<b>Oct 4</b>
Chapter 1 2 Assign	Chapter 2 3 Assign	Chapter 3 4 Assign	Chapter 4 2 Assign	Chapter 5 2 Assign	Chapter 6 3 Assign	Exam	Chapter 7 2 Assign

# SCHEDULE FOR COURSE

Oct 11	Oct 18 Part III	Oct 25	Nov 1	Nov 8	Nov 16	Nov 23	Dec 2	Dec 9
Chapter 8 3 Assign	Chapter 9 3 Assign	Chapter 10 3 Assign	Chapter 11 2 Assign	Chapter 12 3 Assign	Final Project	Thanksgiving Break	GIS Certification Exam Review	GIS Certification Exam

LET'S GET STARTED!

Questions?