



Information and Communication Technology

Geographic Information System (GIS)

A geographic information system (GIS) is a system that creates, analyzes, and displays all types of geographically referenced data. GIS integrates data to a map, integrating location data with all types of descriptive information. The benefits include improved communication and efficiency as well as better decision making with facts based on geographical information.

What will you learn?

Master the fundamental concepts of GIS and work with GIS maps (using ArcGIS software) to visualize real-world features, discover patterns, gain insights, and communicate this information to others. After taking the course you will have the necessary knowledge to:

- Find data and other content to support a mapping project
- Accurately visualize the functions on a GIS map and access their information
- Perform spatial analysis to answer questions and create new information
- Share GIS maps and analysis results to make them easily accessible to colleagues, decision makers, and the public

Requirements

- Currently residing in the following municipalities*
- Currently unemployed or underemployed
- Low or moderate income
- Able to communicate in Spanish and English
- Computer literate

*Geographic areas of priority attention in the recruitment of participants:

Primary group, residents from de: Maunabo, Yabucoa, San Lorenzo, Caguas, Aguas Buenas, Cidra, Comerío, Naranjito, Vega Alta, Vega Baja, Corozal, Morovis, Manatí, Barceloneta, Florida, Arecibo, Camuy, Hatillo.

Secondary group, residents from: Arroyo, Patillas, Guayama, Santa Isabel, Cayey, Aibonito, Barranquitas, Orocovis, Ciales, Jayuya, Utuado, Lares, San Sebastián, Quebradillas, Isabela.

Participants from the remaining municipalities may be considered once participants from the primary and secondary group are selected.

For further information and registration access www.puertoricoready.org, write prready@prsciencetrust.org or you can also contact us by phone at 787-523-1592.