

Transcript: [Show 10 November 14, 2011](#)

Up next on ATE TV: Mapping out your future with GIS.

Geographic information systems, or GIS, uses computer software and hardware to capture, manage, analyze and display geographically referenced information on a map, table, or chart.

In a GIS class, students organize and map data in a way that can be easily understood and quickly shared.

We're out here today with GIS 102 class which is Applications in GIS to collect information on historical landmarks. Do we have our GPS Units all acquiring information?

We will do that.

We work with community partners that don't necessarily have their own software or things like that but would want things automatic, hopefully create a final map of this area because there isn't an official map of this area a nice print out and give that to the forester.

My name is Mike Labossiere, Watuppa Reservation Forester and Superintendent. We've always used mapping of discreet forest types and ecology using aerial photographs, topographic maps but today I'm using information that's coming to me from technicians or from existing data sources.

We're going to start plotting the location of the foundation so that.

So these students are using real data and then we'll go back, we'll take the data that they're collecting from the field and put it on GIS maps.

See that reddish color?

We have a two class program. First class is introduction to GIS where we learn the basics of what GIS can do, what are the different components of the GIS and then in this class what we do is we actually collect data and then go back and use it on the computer. It's a way that people who enjoy being outside can combine computer skills with the outdoors.

Which is 130

When he said you want to go into the woods, yahoo, cause I'm the woods guy and I says I'm in.

Property acquired when we get up there and we'll see the foundation that's in the ground and the place and the property acquired by the city to maintain

Information is vital to being efficient with our time and being efficient with the resource.

Next corner, four corners.

We'll have a readymade map and data set to be able to interpret what's here.

Technology becomes a tool that you understand will help you do it more effectively, more efficiently.

We're training these students to give them some extra tools that can be used because GIS is a powerful tool that can be used in almost any discipline.

For more information on anything you've seen today, explore our website at ATETV.org.

Thanks for watching.