

Renewable and Sustainable Energy - Transcript

Images on screen: Students, Heartland Community College logo, and words: "Renewable and Sustainable Energy"

Speaker: Chris Miller, Professor II, Industrial Technology

"Right now is a great time to take a Renewable Energy or Sustainable Energy, degree because we're going to prepare you for careers that are just emerging right now and very much in demand. Areas of photo voltaics, wind turbines, smart grid technologies, building automation, HVAC and the technical aspects of integration of those fields. There is a wide area of jobs that we are preparing students for right now that are very much in demand."

Action on Screen: Professor working with students using technical tools and applications; close-up of work with technical tools

Speaker: Chris Miller

"We offer very short to two-year degree programs that will make a difference in your lives and the lives of our community and the state. We have a grant right now through the Illinois Grant Economy network that's allowed us to develop very detailed and very technically advanced courses."

Action on Screen: Professor working with students on window insulation in construction -size wall panel application model.

Speaker: Chris Miller

"At Heartland Community College, we have three process steps: a skills certificate, which is about 1-2 semesters, an actual certificate that is stacked upon that skills certificate that takes about another semester, possibly two beyond that, and then, finally the full Associate's."

Action on Screen: Professor and student sitting in front of technical equipment in a demonstration lab; students completing installation on outdoor test platform and moving solar panel into place

Speaker: Chris Miller

"Heartland Community College is actually a very good school to attend if you're serious about renewable and sustainable energies. We have wind turbines on our campus; we have test platforms where we actually do real installs that help get you certified as an installer of photo voltaics, or even small wind in the State of Illinois."

Action on Screen: Two students completing a wind installation on a field platform; Student and professor wearing protective glasses and working in a technical applications lab.

Speaker: Chris Miller

"If you want building automation, we have the most advanced building automation systems in the state. We're one of only three schools in the State of Illinois that offer smart grid technology. So if you want it, and you want to get in on the ground floor into an area that will always be in demand, Heartland Community College has the resources. We're striving to be the best, and we want to produce the best student and the best worker that we can possibly do for our community and for the state."

Images on screen: Montage of students; Heartland Community College logo, URL, and phone number.