

Youth to learn robotics and GPS/GIS activities

Written by Holyoke Enterprise

Colorado State University Extension is offering a new summer camp called GEAR-Tech-21, aimed at introducing youth to robotics and GPS/GIS technologies. Youth 10-14 years of age may attend the camp in Holyoke July 9-12, from 8:30 a.m.-4:30 p.m. each day at the Phillips County Event Center.

Over the span of four days, youth will do hands-on learning in two very current and rapidly changing technology fields. In the mornings they will learn about what makes a Garmin™ or Tomtom™ work to guide and give drivers directions—global positioning systems (satellite positioning) and geospatial information systems (mapping).

In the afternoons the youth will build and program the Lego NXT Robots and learn some of the computer science that makes for some fun toys as well as smart tools. On the fourth day, students will demonstrate their robot and mapping projects during a parents' showcase.

With funding support from the University of Nebraska-Lincoln and the National Science Foundation, the camp fees have been kept very low. Fees help to cover snacks, lunch, camp materials and a camp T-shirt.

For more information and registration materials for the camps, contact Tracy Trumper at the Phillips County Extension Office at 854-3616 or email her at tracy.trumper@colostate.edu.

Holyoke Enterprise June 21, 2012

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