Individuals with disabilities are invited to request reasonable accommodations to participate in NDSU-sponsored programs and events. To request such accommodations, contact Holly Halvorson at (701) 231-7251 by May 30, 2014, to make arrangements.

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Sponsored by:
North Dakota Center for 4-H Youth Development
NDSU Extension Service
GEAR-Tech-21 is based on the Nebraska Robotics and GPS/GIS in 4-H: Workforce Skills for the 21st Century program.

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What is Gear-Tech-21 Camp?

GEAR-Tech-21 Camp will provide participants an opportunity to learn about robotics, global positioning system (GPS), geographic information system (GIS) and 3D printing technologies through building and programming a robot, navigation and map-making activities. At this camp, youth will have the opportunity to:

- Build and program robots
- Operate a hand-held GPS receiver
- Put their science, technology, engineering and math skills to work
- Explore the outdoors
- Apply robotics, GPS and GIS technologies to geo-tracking, navigation and map making
- Discover opportunities with 3D printing
- Find out about careers in science, technology and engineering, including robotics, GPS/GIS and manufacturing
- Complete fun robotic challenges

Who Can Attend?

This camp is open to any youth who will be entering grades five to eight in the fall of 2014. Youth don’t have to be a 4-H member to attend this camp.

Tentative Agenda

Registration will be Monday, June 16, from 2 to 3 p.m. The opening assembly will begin at 3 p.m. Participants will be on campus at the same time as delegates to the Extension Youth Conference and will be participating in some of the same activities. Departure will be at 1 p.m. on Thursday, June 19.

Registration

The cost for attending GEAR-Tech-21 Camp is $225 per participant. This $225 registration fee includes all meals from Monday evening through Thursday lunch, overnight housing for Monday through Wednesday evening, camp supplies and a camp T-shirt. Participants who will be riding the designated 4-H bus from various pickup spots (along Highway 2 and Interstate 94) across North Dakota will pay an additional $75 fee.

Please register by June 1, 2014. Registration is limited to 12 and will be accepted on a first-come, first-served basis. Additional or late registrations will be placed on a waiting list.

Register online at: https://nd.4honline.com

No refunds will be given for registrations canceled after June 1, 2014.