

PURDUE UNIVERSITY NORTHWEST COLLEGE OF TECHNOLOGY

IN-PERSON
SESSIONS!

SUMMER MANUFACTURING



IN-PERSON
SESSIONS!

Summer camp programs encourage motivated students ages 12-17 to pursue an interest in STEM fields (science, technology, engineering and mathematics). Campers will participate in fun manufacturing and business entrepreneurship activities including competitions and virtual industry tours that will provide valuable experiences to offer greater insight into STEM disciplines and careers.

Construction of Structures and Machines

JUNE 14th through 18th

Monday-Friday | 9a-2p | Ages 12-17

Campers will construct a bridge while learning about construction materials, 3D design process and project budgeting, culminating in a test of strength competition.

Guest speakers & Virtual tour include Fanning Howey and DA Dodd. Camp participants will see firsthand how virtual reality is helping with installation and maintenance of plumbing, heating & cooling systems

Camp Location:

2200 169th Street, Anderson 207, Hammond, IN

Pneumatic Systems: Air Compressed Rocket

JUNE 21st through 25th

Monday-Friday | 9a-2p | Ages 12-17

Campers will create their own air-powered rocket, while learning about flow, power, speed and pressure. Competition includes a successful launch with the longest flying time, from start until the rocket hits the ground.

Guest speaker & Virtual tour include Bimba Manufacturing.

Camp Location:

2200 169th Street, Anderson 207, Hammond, IN

Robotics Explorer & Adventure: All GIRLS Camp

JULY 12th through 16th

Monday-Friday | 9a-2p | Ages 12-17

Female campers will work with the control and coding of industrial robots. They will also create a scenario, build a VR robot, simulate a robot performing pick and place applications, and use a VR headset to see the robot in a virtual environment.

Guest speaker & virtual tour include Southlake Automation.

Camp Location:

Commercialization & Manufacturing Excellence Center, 7150 Indianapolis Blvd, Hammond, IN

Each camp costs \$75 and includes: virtual industry tour, project materials, t-shirt and daily snack or lunch.

To register follow the QR code below or go to www.pnw.edu/camps.

Questions? Email: tech@pnw.edu



Each camp will feature an interactive entrepreneurship session presented by Shark Tank Contestant Mont Handley