

Engineering/Emerging Technologies Summer Camp for Students

SUMMER CAMP

Oakland Schools is partnering with post-secondary institutions to provide a unique “hands on” Engineering/Emerging Technology camp. Students will attend two weeks on the technical campus and the third week will consist of a field trip to the Oakland Community College - Auburn Hills campus to tour the TECH building and get an overview of the curriculum and lab areas as they relate to mechatronics, machining and welding as well as have guest speakers from industry. Students will experience the seamless transition between high school and college, boosting confidence and readiness for post-secondary learning.

Engineering/Emerging Technologies topics presented: An introduction to Mechatronics, Machining and Welding. Demonstrations include: [**Mechatronics**] safety, soldering and de-soldering electrical components to a circuit board, building electrical and pneumatic circuits, hands-on activities using computer-aided drafting (CAD) as well as hands-on activities building a mechanical drive system; [**Machining**] safety, tool identification, blueprint reading, basic computer numerical control (CNC), hands-on activities with a mill, lathe, drill press and band saw; [**Welding**] safety, Arc, MIG and Gas welding activities.

Transportation

Participants are responsible for arranging transportation to OSTC; transportation from OSTC to post-secondary institutions will be provided by Oakland Schools.



CAMP SESSION

Engineering/Emerging Technologies (EET)

Northeast Campus (Pontiac):

June 29 - July 16, Monday - Thursday

8:00 AM - 1:00 PM

Oakland Schools Technical Campus Northeast, 1371 N. Perry, Pontiac, MI 48340

Questions: Contact Randy Maddock, Counselor, 248.451.2710 or Randy.Maddock@oakland.k12.mi.us

Cost

\$50 for any student attending Oakland Schools Technical Campus (OSTC) or enrolled to attend next fall; \$125 for all other county high school students.

Register

Visit www.ostconline.com to fill out an application and submit it to the applicable technical campus. Limited space is available.

Information

For additional information, please visit our website at www.ostconline.com or contact a campus counselor.

