

Calling All Technology & Engineering Enthusiasts...

TEAC 105 - Explorations in Technology

MECHANICAL
ENGINEERING



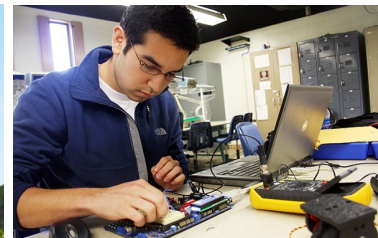
ELECTRONICS



CIVIL
ENGINEERING



COMPUTER
SCIENCE



TEAC 105 EXPLORES FOUR TECHNOLOGIES THROUGH IN-QUIRY, PROBLEM SOLVING & PROJECT-BASED LEARNING!!!

WHAT WOULD YOU LEARN?

Civil Engineering

Identify various civil engineering projects and the role that civil engineering plays in each. Apply civil engineering methods and calculations to a simple design and civil engineering project.

Mechanical Engineering

Demonstrate simple 3D CAD modeling skills, basic shop skills and safety techniques, and identify the design elements associated with the completion of a small mechanical engineering project.

Electronics

Create a simple electronics circuit, describe simple microcontroller programming concepts, and list the elements of and build a small electronics project.

Computer Science

Use a programming language to examine the fundamentals of software design and development.



Course Details

Structure: 3 hours per week, for 13 weeks

September 17, 2021 — 36 Seats

Start Dates: February 4, 2022 — 72 Seats

Time: Fridays: 3:00 pm – 6:00 pm

Delivery: On Campus, Face to Face classes

Cost: Students are responsible for paying the application fee (EPBC) \$43.51

Eligibility: Open to students in Gr 10 –12 from our partnership school districts

Prerequisites: None

To apply or receive more information,
see your high school career coordinator!