

Calling All Technology & Engineering Enthusiasts...

TEAC 105 – EXPLORATIONS IN TECHNOLOGY



EXPLORES FOUR TECHNOLOGIES THROUGH INQUIRY, PROBLEM SOLVING & PROJECT-BASED LEARNING!

Civil Engineering

Electronics

Mechanical Engineering

Computer Science

WHAT WOULD YOU LEARN?

Civil Eng.

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 Eng.

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 Sci.

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



Course Details

Structure: 3 hours per week, for 12 weeks

Start Dates: Fall Session (Sept—Dec)
Winter Session (Feb—May)

Time: Fridays: 3– 5:50pm

Delivery: On Campus, Face to Face Classes

Cost: Students are responsible for paying the application fee (EPBC) ~\$46

Eligibility: Open to students in Gr 11 –12 from our partnership school districts

Prerequisites: None



**To apply or receive more information,
see your high school careers team!**

