

ENGINEERING TOPICS

Certificate of Competency

The Engineering Topics program introduces engineering and engineering technology topics necessary for college and career. Students will gain knowledge of engineering topics through hands-on, project-based learning in a supportive learning environment that values a diverse group of students. Students will also be equipped with the career readiness skills and educational planning tools necessary for them to identify the required preparation and training needed for successful pathway completion. Upon completion of this program, students will earn a Certificate of Competency in Engineering Topics.

Program Learning Outcomes

- Students will gain hands-on technical skills and engineering concepts through project-based learning.
- Students will develop a real-world solution for a particular problem that synthesizes course content and fabrication of a tangible product.
- Students will be equipped with the career readiness skills and educational planning tools to help them identify the required preparation and training necessary for successful pathway completion.
- Students be able to begin a pathway from noncredit engineering topics to credit engineering technology programs to career.

Review [Student Learning Outcomes \(SLOs\)](#) for this program.

Required Courses

Course Prefix	Course Name	Units
BS TE	Topics in Engineering	
BS CNSL4	Orientation for Noncredit Programs	