



Lower Columbia College

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lowercolumbia.edu/engineering-tech



**Prepare for a career
in the trades**

**ENGINEERING
TECHNICIAN**

LCC is an AA/EEO employer - lowercolumbia.edu/aa-eeo

LCC Clery Annual Security and Fire Safety Report available at lowercolumbia.edu/CleryASFR

OVERVIEW

An engineering technician provides technical support to an engineer, and may work in the fields of mechanical, industrial, civil, electrical, aerospace, computer, or environmental engineering. They assist engineers with research and development, computer aided drafting, quality control or design. They may also work alongside scientists or as quality assurance inspectors. Engineering technicians need the ability to work well on a team, and have strong analytical and problem-solving skills. In this program, students learn to use math and science skills to assist engineers with creating products, improving manufacturing methods and maintaining assembly systems.



SKILLS & ABILITIES

- Blueprint reading
- Engineering graphics
- Industrial safety
- On the job training
- Computer applications
- First Aid/CPR
- Academic and career success
- Materials science
- Computer integrated manufacturing
- Industrial math
- Industrial communications

CERTIFICATE & DEGREE OPTIONS

Students who attend full-time can complete the certificate in four academic quarters. Credits from the certificate can be applied toward an Associate in Applied Science (AAS) in Advanced Manufacturing Technology.

CAREER PATHS

The Engineering Technician Trade path can lead to a long-term career with a good salary, job advancement opportunities and the chance to work with cutting-edge technology.

- Civil Engineering Technician
- Field Engineer
- Manufacturing Technician
- Construction Engineering Technician
- Land Survey Technician
- Test and Repair Technician
- Quality Engineering Technician
- Engineering Technician – HVAC
- Automation Engineering Technician

APPRENTICESHIP PATHWAYS

Use the skills you can in this program to enter an apprenticeship pathway with Western Washington Stationary Engineers, International Union of Operating Engineers, or Operating Engineers Regional Training JATC.