

# Center for Architecture, Design and Engineering

## Architectural Technology AAS-T/AAS

This degree provides students with a solid foundation in design development, construction documents, principles of sustainability and building information modeling. Students participate in projects which assimilate real-world architectural problems through Project Based Learning. Students gain specialized training in industry-leading software packages such as AutoCAD and Revit, as well as the maker space – the Design, Innovation, Research, and Technology Lab. Transfer to WSU or LWTech with this degree!

## Civil Drafting AAS-T

Due to high industry demand, LWTech is reinstating its Civil Drafting, AAS-T. This degree will serve students interested in supporting the booming construction industry in the Puget Sound, including road expansion, building growth, public transit and more. Students will learn land surveying, reading and designing construction documents, and regulations. A suite of technology tools will be taught in line with industry standards.

*\*\*Architectural and Civil drafters are on the Seattle King County Workforce Development Council Demand List.*

## Mechanical Design AAS-T

Students learn to be a part of the design process in the creation of parts, assemblies, and tooling documentation to aid manufacturing processes, consumer goods, buildings, and civil projects. Students receive a solid foundation in technical drafting and industrial design. They have the ability to pursue more specialized training in tool design and industry-leading software packages such as AutoCAD, SolidWorks, and CATIA. Students are prepared for a job as a Design Technician, Technical Drafter, CAD designer, as well as experienced in design and prototyping their own ideas.



**LAKE WASHINGTON  
INSTITUTE OF TECHNOLOGY**

**Practical. Purposeful. Promising.**

The Center for Architecture, Design and Engineering prepares students to succeed in the high demand industries of

**architecture, and civil &**

**mechanical design.** As the maker movement gains momentum, this program provides students with hands-on access to and training on a wide range of digital fabrication technology:

- 3D printers
- laser cutters
- 3D mills
- CNC routers

Students will be ready to go to work, or transfer to LWTech's Bachelor's of Technology in Applied Design.

## Find out more!

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