



Welding Technology

www.lc.edu/program/welding

11 Program options
(Associate in Applied Science + 10 certificates)

60 Credit hours for AAS degree

10.5 Credit hours for Basic Welding Certification

14 District high schools offer dual credit for Welding

\$125 Cost per credit hour (in-district)

27-30 Average age of L&C Welding students

Weber Workforce Center

Open for classes Fall 2018

Lewis and Clark Community College broke ground on the new, state-of-the-art Weber Workforce Center in 2016.

Funded in large part by a transformational gift from local resident Ed Weber, the center allows L&C to double the capacity of the Welding Technology program and prepare to meet growing demands in industrial and workforce education.

The college currently offers 34 workforce programs, including flagships like Welding, Automotive Technology and Process Operations Technology.

The center was built with sustainability and efficiency in mind, and will seek LEED silver certification.

30 Welding stations in the new building doubles the program's capacity

\$4.5 million Total cost of new building construction

16,000 Square feet of lab, classroom and office space

\$3.75 million Supported by donors through the L&C Foundation

L&C Workforce Training Programs

These are just a few of the programs available at L&C.

- Architectural Technology
- Automotive Technology
- Criminal Justice
- Dental Assisting/Hygiene
- Drafting and Design
- Fire Science
- Industrial Technology
- Information Technology
- Instrumentation and Control Systems
- Management
- Nurse Assistant
- Nursing
- Occupational Therapy Assistant
- Paralegal
- Paramedicine
- Process Operations Technology
- Radio Broadcasting
- Restoration Ecology
- Smart Grid Technology
- Truck Driver Training
- Welding Technology

For a complete list, visit www.lc.edu/credit-programs.

Iconic Partnerships - Miller & Cee Kay

L&C is a Miller welding shop, made possible by a three-way partnership with Miller and Cee Kay, which allows district high school first options to buy used equipment.

L&C offers dual credit in Welding at 14 different district high schools. Students who take welding in high school typically enter the program with 6 credit hours, about the equivalent of two courses in the program.

Building Features

- Workshop with 30 welding stations
- 3 classrooms (one with 20 computers)
- 3 offices (2 with views of the lab)
- Bathrooms with full showers
- Oxy fuel cutting/grinding room
- Clean testing room



Efficiency & Sustainability

- Welding inverter technology for efficiency – shop averages only 150-175 amps per day
- Advanced HEPA air filtration system (better than hospital grade) filters fumes out of the shop and circulates clean air back into the room
- 4 wind turbines with capacity to generate 4kw/day
- LED smart lighting system in classrooms and offices
- Pervious pavers in parking lot and roadway
- Bioswale for groundwater filtration
- Building seeking LEED silver certification



Welding Faculty

7 Faculty
(2 full-time, 5 adjunct)

Lewis and Clark Welding faculty have extensive knowledge and experience in various areas of the welding industry, including sheet metal welding, boilermaking, ironwork, tool and die making, engineering and pipefitting.

Coordinator/Assistant Professor Travis Jumper is a 2017 recipient of the Howard E. Atkins Memorial Instructor of the Year Award for District 14 of the American Welding

180+ Total years of experience

Society. He won the award for the St. Louis Section in 2016.

Adjunct instructor Robert “Bo” Lee currently serves as chairman for the AWS St. Louis Section. Jumper will serve a two-year term as president beginning in June 2019.

Future of Welding

\$69,762

Est. Annual Wage

The average age of welders today is around 56 years old, which means many in the field are approaching retirement. L&C’s state-of-the-art program is training workers with real world experience ready to fill that need.

Need for welders expected to grow

26%

by the year

2020

making welding one of the fastest growing professions in America

-U.S. Bureau of Labor Statistics

Coming Soon

- In addition to welding booths, L&C will be adding augmented reality training to its welding curriculum.
- The college will seek for Weber to become one of the only AWS accredited testing facilities in the region.