





current STUDENTS

future STUDENTS

faculty & STAFF

workforce EDUCATION

foundation & ALUMNI

Nicholas County Campus

[Directions to the Nicholas County Campus](#)

[History of Nicholas County Campus](#)

Welding Technology

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What does a welder do?

Graduates of the welding program can find a career in several fields of their choice. Careers include building trade apprenticeships, repair welding, pipefitter/welder, power industry welding, production welding, aircraft welding, pressure vessel construction, structural steel welding, soldering and brazing, automotive welding and fabricator. Basic skills of welding are the same across several industries, so welders can easily shift from one industry to another, depending on where they are needed. For further information, contact Brad Veneri at bveneri@newriver.edu or 304-929-3301.

New River Community & Technical College Welding Technology



Learning by doing

[Curriculum CAS](#)
[Curriculum AAS](#)

New River CTC's Welding programs are offered at the Advanced Technology Center in Ghent, WV and the welding lab located near the Greenbrier Valley Campus, in Lewisburg, WV. The programs are structured to incorporate a large amount of hands-on learning opportunities. Students participate in a variety of lab projects and individual assignments to learn and refine welding skills as well as community outreach activities. Students have the opportunity to sit for American Welding Society (AWS) national certifications at our AWS testing site at the Lewisburg location.

The facilities consist of seventeen individual booths that are equipped to provide training in the four main welding processes, OFW (oxy-fuel), SMAW (Stick), GMAW (MIG), and GTAW (Tig). The Welding labs have a comprehensive array of metal working equipment including a metal shear, CNC plasma torch, an ironworker, a plate roller, and individual fabrication tables.

Job and salary outlook

According to the Bureau of Labor Statistics, employment of welders, cutters, solderers, and brazers is expected to grow 15 percent from 2010 to 2020. This growth reflects the need for welders in the manufacturing process. The median annual salary of welders, cutters, solderers and brazers in was \$40,700 in 2013. For New River CTC's service region [click here](#).

For more information on New River CTC's service area in-demand jobs visit [WorkForce West Virginia Labor Market Information](#).

Community/Employee Partners

The success of the welding program is in part by the input and direction of the Welding Advisory Board members and employer partners/supporters. Click [here](#) to see the current list of Community/Employee Partners.

Welding Curriculum

New River CTC offers Advanced Skill Sets (ASSC), Certificates of Applied Science (CAS) and Associate's of Applied Science (AAS) degrees within the structural and pipe welding career pathways. These offerings have been developed in a way that leads to stackable credentials as a student moves through various stages of their program. The consolidated program has been aligned with industry needs and equips students to enter multiple career pathways in the welding field.

General Welding ASSC (18 credit hours)

Physical Plant Welding ASSC (15 credit hours)

Welding Technology CAS (30 credit hours)

Welding Technology Pipe Welding CAS (36 credit hours)

Welding Technology Structural Welding AAS (60 credit hours)

Welding Technology Pipe Welding AAS (60 credit hours)

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BACK 1 2 3 4 5 6 NEXT

New River CTC's Online [Bookstore](#) will open for the fall semester on Friday, July 21, 2017.

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| 16 | 17 | 18 | 19 | 20 | 21 | 22 |
| 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| 30 | 31 | 1 | 2 | 3 | 4 | 5 |

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