

If the following Program of Study is taken

Welding Technology/Welder 48.0508

High School Graduation Year: 2024

A program that prepares individuals to apply technical knowledge and skills to join or cut metal surfaces. Includes instruction in arc welding, resistance welding, brazing and soldering, cutting, high-energy beam welding and cutting, solid state welding, ferrous and non-ferrous materials, oxidation-reduction reactions, welding metallurgy, welding processes and heat treating, structural design, safety, and applicable codes and standards.

POS Paperwork: [POS student documentation coversheet.pdf](#)

You may receive credit for

Community College of Allegheny County

[WLD 101 - Welding Fundamentals](#)

3.00

[WLD 102 - Advanced Welding](#)

3.00

[WLD 221 - Brazing and Welding](#)

3.00

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Total Credits Awarded: 9.00

Notes: This articulation agreement links POS 07E Welding Technology/Welder CIP 48.0508 (HS Graduation Years 2022, 2023, 2024) to CCAC programs 316 Welding Technology, AS (CIP 48.0508) and 317 Welding Technology, Certificate (CIP 48.0508).

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Westmoreland County Community College

[WEL 125 - INTRODUCTION TO WELDING](#)

4.00

[WEL 221 - METAL FABRICATION](#)

4.00

[DFT 110 - BLUEPRINT READING](#)

2.00

[WEL 228 - SMAW](#)

4.00

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Total Credits Awarded: 14.00

Notes: Fourteen (14) credits are aligned to Westmoreland County Community College Programs of Study CIP 48.0508 Welding Engineering Technology, Associate of Applied Science (AAS) Degree Program and CIP 48.0508 Welding Engineering Technology Diploma Program.

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Delaware County Community College

WLD 200 - Gas Metal Arc I

2.00

WLD 100 - Introduction to Welding

2.00

WLD 101 - Introduction to Oxy-Fuel Welding and Cutting

2.00

WLD 103 - Shielded Metal Arc Welding I

2.00

WLD 104 - Shielded Metal Arc Welding II

2.00

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Total Credits Awarded: 10.00

Notes: Ten (10) credits are aligned to the following Delaware County Community College POS: CIP 48.0508, Welding Technology I Certificate of Competency (WLD).

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Northampton County Area Community College

WELD 105 - Introduction to Welding Processes

5.00

WELD 125 - GTAW and Semiautomatic Welding Processes

5.00

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Total Credits Awarded: 10.00

Notes: Ten (10) credits align to POS 48.0508 Welding Technology Associate Applied Science Degree, POS 48.0508 Welding Fundamentals Specialized Diploma.

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Thaddeus Stevens College of Technology

MFWT 126 - Drafting Fundamentals

3.00

MFWT 106 - Gas Metal Arc Welding/Plasma Arc Cutting

3.00

MFWT 111 - Metals Fabrication I: Introduction to Hand and Machine Processes

3.00

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Total Credits Awarded: 9.00

Notes: Nine (9) credits are aligned to the following Thaddeus Stevens College of Technology POS: CIP 48.0511 Metals Fabrication & Welding, Associate in Applied Science Degree (A.A.S).

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Thaddeus Stevens College of Technology

WELD 120 - Shielded Metal Arc Welding I

3.00

[WELD 155 - Gas Metal Arc Welding I](#)

3.00

[WELD 165 - Gas Tungsten Arc Welding I](#)

3.00

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Total Credits Awarded: 9.00

Notes: Nine (9) credits are aligned to the following Thaddeus Stevens College of Technology POS: CIP 48.0508 Welding Technology, Associate in Applied Science Degree (A.A.S).

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Greater Altoona Career and Technology Center

[WD 01-1 - Occupational Orientation and Safety](#)

3.00

[WD 01-2 - Principles of Welding](#)

6.00

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Total Credits Awarded: 9.00

Notes: Nine (9) credits are aligned to the POS: CIP 48.0508 Welding with Print Reading Diploma Program

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