



Credential Tip Sheet: CIP Code 48.0508

Welding, Brazing and Soldering

Career Cluster: Manufacturing

Credentials

NC3 & LEEPStart

Credentialing Agency

National Coalition of Certification Centers
(NC3) & Lincoln Electric - LEEPStart
P.O. Box 580802, Pleasant Prairie, WI 53158

Contact

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Credential Information

[NC3 & LEEPStart Introduction - FCAW](#)

[NC3 & LEEPStart Introduction - GMAW](#)

[NC3 & LEEPStart Introduction - GTAW](#)

[NC3 & LEEPStart Introduction - SMAW](#)

[NC3 & LEEPStart Thermal Cutting - CAC-A](#)

[NC3 & LEEPStart Thermal Cutting - OFC](#)

[NC3 & LEEPStart Thermal Cutting - PAC](#)

What are the content areas covered by the credential?

The Lincoln Electric Education Partner Schools Start (LEEPStart) Program provides schools with a complete suite of portable, stackable industry recognized welding [certifications](#). NC3 partners with Lincoln Electric, to offer Foundational-Level

Welding Certifications including Welding Safety, Principles of Welding, Welding processes with fillet welds up to 3F (SMAW, GMAW, FCAW, GTAW), and Thermal Cutting (Oxyfuel Cutting, Plasma Arc Cutting, Air Carbon Arc Cutting). The curriculum and Learning Management System (LMS) are accessible online 24 hours a day. Teachers can learn more by visiting the following links: [NC3's Web Page](#), [Lincoln Electric's Info Page](#), [credential content & competencies](#), [curriculum samples](#) (login: nc3guest), [requirements](#), [program cost and application](#), and [training information](#).

Credential Qualifications or Pre-Requisites

Students must complete the Welding Safety Credential prior to advancing to additional credentials. The curriculum provided helps ensure the student will be able to successfully pass the exam and performance evaluation.

Exam Information

Students must achieve a score of 70% on the untimed practical knowledge exams taken through the LMS at [NC3certs.com](#). Students must pass a performance evaluation in the process(es) they are learning with a 70%. Performance evaluations are done according to a provided Welding Procedure Specification (WPS) on coupons graded by the certified instructor using a performance event assessment form. To become a certified instructor, instructors must successfully meet the requirements of NC3's training course (in-person or virtually). Upon earning the credential, the student and instructor will be able to access and save a PDF version indefinitely from the LMS. The credential may be printed in wallet size or 8x10 and lists all the competencies the student successfully completed on the back of the certificate.

Exam Accommodations

Contact Pauline Foks at pauline.foks@nc3.net, for information on exam accommodation.



CTE Program Information

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CTE Assessment Policies

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