

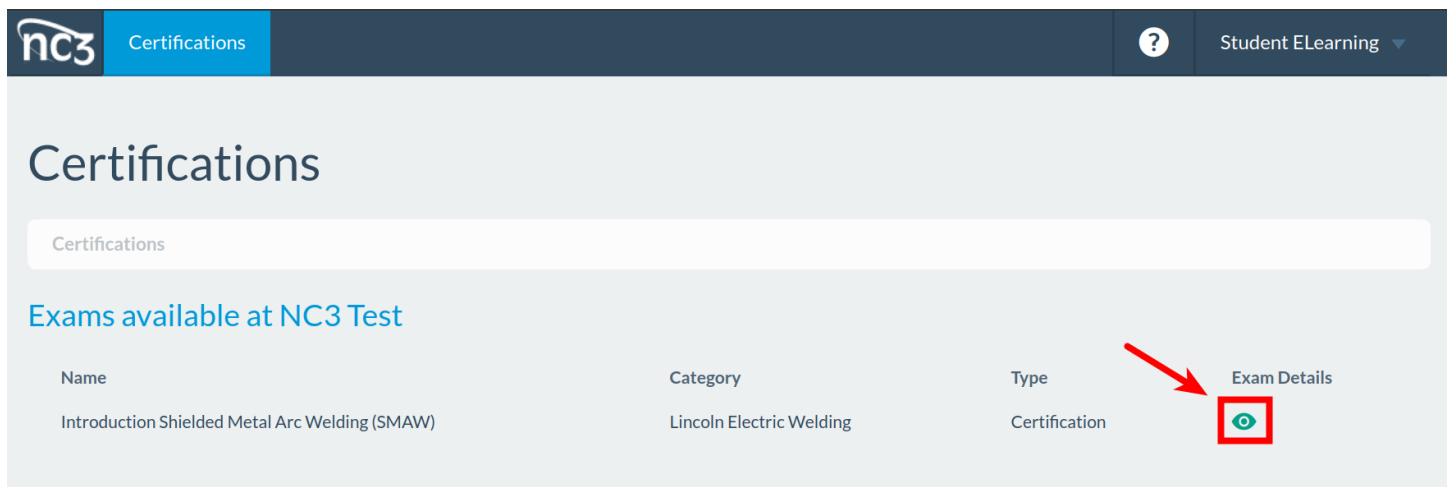
Certain NC3 certifications support E-learning modules to be completed by students. The modules are automatically assigned to the students when you assign the exam.

The E-learning modules have the following features:


- Automatically assigned with the certification exam
- Uses the students NC3 login and is tracked on nc3certs.com
- Saves progress across sessions across devices and browsers
- Fully interactive lessons are accessible through the student's nc3certs.com
- Students' progress can be tracked using the E-Learning Report
- Is not required for use, but available to all students who are assigned

To access the E-Learning modules your students first need to be assigned the exam.

Once assigned your students will need to login and click the "eyeball" next to the exam:

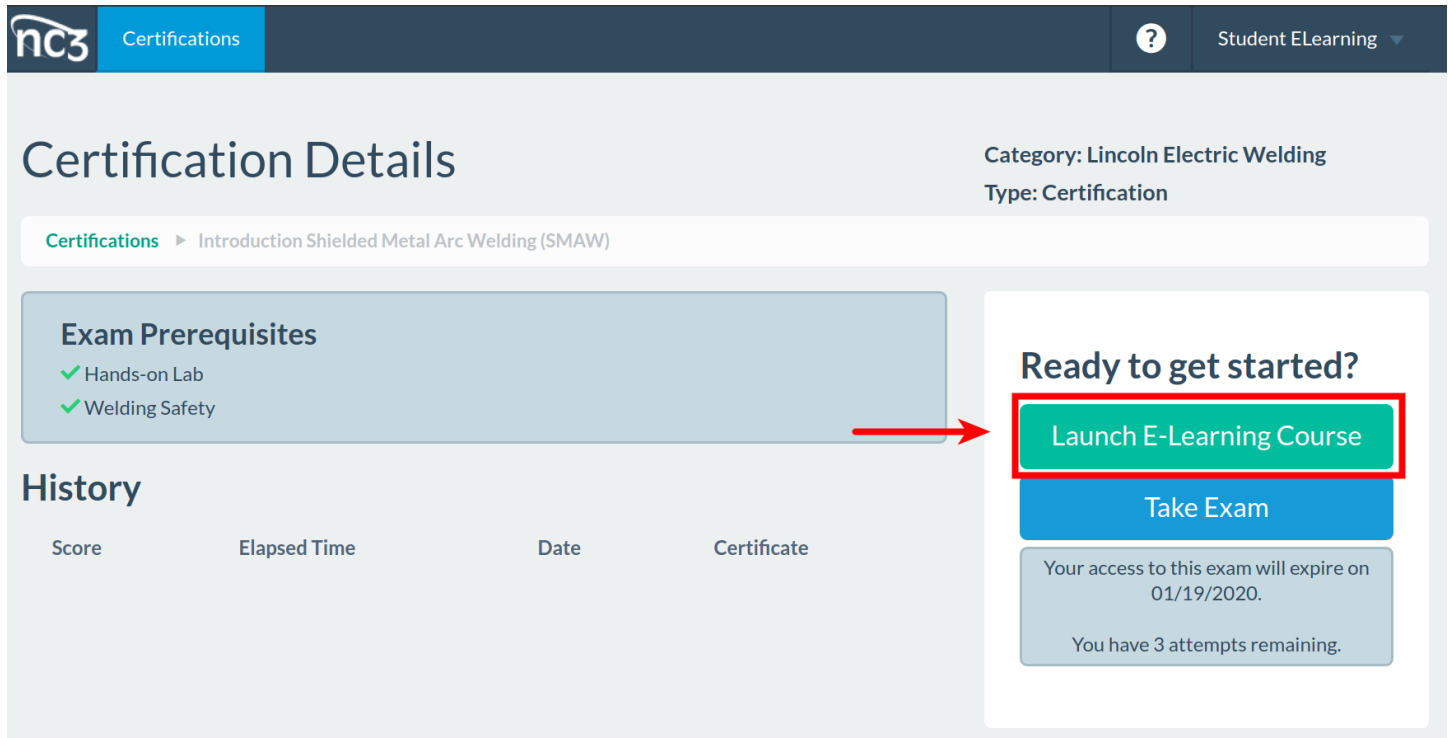


The screenshot shows the NC3 Certifications interface. At the top, there is a navigation bar with the NC3 logo, a 'Certifications' tab, a help icon, and a 'Student ELearning' dropdown menu. Below the navigation bar, the main heading is 'Certifications'. There is a search bar with the placeholder text 'Certifications'. Underneath, there is a section titled 'Exams available at NC3 Test'. This section contains a table with the following data:

Name	Category	Type	Exam Details
Introduction Shielded Metal Arc Welding (SMAW)	Lincoln Electric Welding	Certification	

A red arrow points to the 'Exam Details' column, specifically to the eyeball icon, which indicates that E-learning modules are available for this exam.

Then press the green “Launch” button:



nc3 Certifications ? Student ELearning ▾

Certification Details

Category: Lincoln Electric Welding
Type: Certification

Certifications ▶ Introduction Shielded Metal Arc Welding (SMAW)

Exam Prerequisites

- ✓ Hands-on Lab
- ✓ Welding Safety

History

Score	Elapsed Time	Date	Certificate
-------	--------------	------	-------------

Ready to get started?

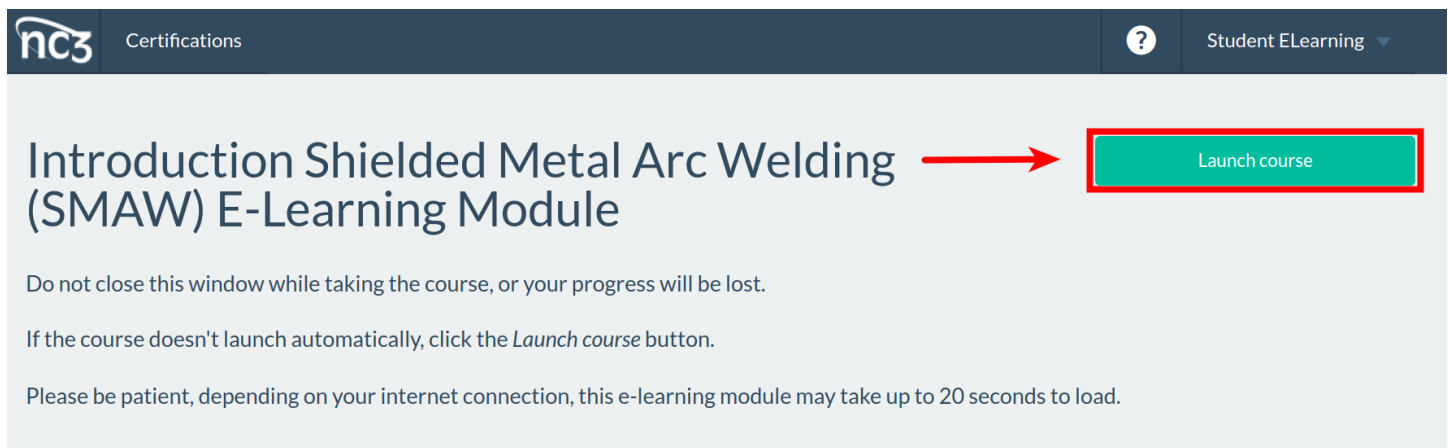
[Launch E-Learning Course](#)

[Take Exam](#)

Your access to this exam will expire on 01/19/2020.

You have 3 attempts remaining.

The Module will launch in a separate window. If the browser has pop-up blockers enabled press the “Launch” button to confirm the module window:



nc3 Certifications ? Student ELearning ▾

Introduction Shielded Metal Arc Welding (SMAW) E-Learning Module

[Launch course](#)


Do not close this window while taking the course, or your progress will be lost.

If the course doesn't launch automatically, click the *Launch course* button.

Please be patient, depending on your internet connection, this e-learning module may take up to 20 seconds to load.

The module will open in a separate window. Be patient, this can take up to 30 seconds. If no error message is shown assume the window is still loading.

Once the window loads press the start button to begin the lesson:



Introduction to SMAW 252
Welding

Class Overview

Welcome to Toolingu.com. Click **Start** to begin class.

Start

←

Class Name	Introduction to SMAW 252
Number of Lessons	20
Description	<p>"Introduction to SMAW" covers the basic theories and practices of shielded metal arc welding (SMAW), as well as common operational procedures. SMAW is a welding process that uses shielding to protect the weld from contamination. SMAW is one of the most common arc welding processes in the world because of its simplicity, versatility, affordability, and suitability for most applications. SMAW requires a range of specialized equipment, specific electrodes, and knowledge of a number of safety precautions.</p> <p>After taking "Intro to SMAW," welders will know how to safely handle, prepare, and operate SMAW equipment. They will know also have a basic understanding of how to perform an SMAW weld.</p>

Start

←

Class Outline

- Shielded Metal Arc Welding
- Advantages and Disadvantages of SMAW
- SMAW Equipment
- The Basics of SMAW: Review
- Electrical Components
- Electrical Components: Electricity Transfer
- Electrode Construction
- Types of Electrodes
- Electrode Selection
- Electrode Selection: Labels
- Electrode Safety
- Electrode Review
- Current
- Power Sources
- Amperage
- Voltage
- Joint Preparation
- SMAW Operation
- SMAW Operation in Action
- SMAW Preparation and Operation Review

Class Information

- ❖ [Class Outline](#)
- ❖ [Class Objectives](#)
- ❖ [Class Vocabulary](#)

- [Printable Version](#)
- [Printable Version](#)
- [Printable Version](#)

Download PDF Format:

Download a PDF version of this class.

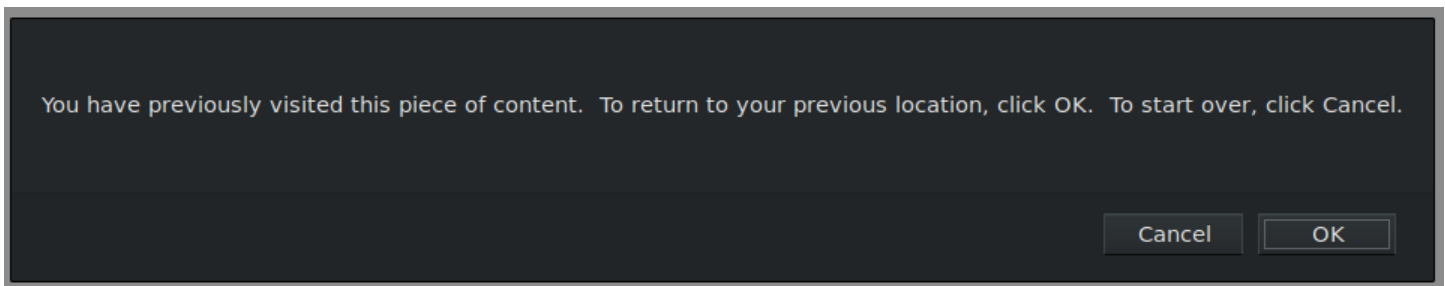
Class Objectives

- Define SMAW.
- List the advantages and disadvantages of SMAW.
- Describe SMAW equipment.
- Describe the electrical components of SMAW.
- Describe the construction of an electrode.
- Distinguish between the different types of electrodes.
- Explain how to select an electrode.
- Explain how to select an electrode based on the AWS electrode classification system of labeling.
- Describe how to safely handle and store electrodes.
- Describe the current requirements for SMAW applications.
- Describe the power sources required for SMAW applications.
- Describe the amperage requirements of SMAW.
- Describe the voltage requirements of SMAW.
- Explain how to prepare joints for SMAW.
- Describe the different steps of SMAW operation.

At any time, the student needs to close the lesson, they only need to press the “Save”



When they return the lesson will prompt them to return to where they left off:



The E-learning module has a report associated with it. This report shows the completion status for your students so you can track progress.

To pull the from report your Campus Administer or Instructor account first press the Reports Tab at the top of the screen and then from the drop-down menu or the “E-Learning Report” card on the screen:




Next select the proper filters for use case and press filter:

Elearning Report


Reports ▶ Elearning Report


Filters


Expand Collapse

Exams  All Clear


Testing PageFlip

From 


To 

Success Status  All Clear

unknown
passed
failed

Schools  All Clear

3M
Abraham Lincoln Continuation High School
Abram Friedman Occupational Center
Academy For Advanced Studies
Advanced Technology Complex
Aiken Technical College
Aime Community College

Completion Status  All Clear

unknown
incomplete
completed

Filter Clear Filters

You'll then see output like the following:

Results

Export

User Name	Exam Name	Success Status	Completion Status	Created At	Updated At
Silas Matson	Testing PageFlip	unknown	incomplete	09/21/19 10:18 AM PDT	09/21/19 10:28 AM PDT
Silas Matson	DELETE ME	unknown	incomplete	09/21/19 10:30 AM PDT	09/21/19 10:30 AM PDT
Nick Gill	DELETE ME	unknown	incomplete	09/21/19 10:55 AM PDT	09/21/19 10:56 AM PDT
Test Student	Testing PageFlip	passed	completed	09/21/19 10:40 AM PDT	09/23/19 7:07 AM PDT
Nick Gill	Testing PageFlip	unknown	incomplete	09/21/19 10:35 AM PDT	09/27/19 10:33 AM PDT
Test Student6	Testing PageFlip	passed	completed	09/23/19 6:49 AM PDT	09/23/19 7:02 AM PDT
Craig Foucht	Testing PageFlip	unknown	incomplete	09/23/19 11:06 AM PDT	09/23/19 11:08 AM PDT
Alexander Brookhouse	Testing PageFlip			10/08/19 8:24 AM PDT	10/08/19 8:24 AM PDT
Brian Colaizzi	Testing PageFlip	failed	completed	10/08/19 8:43 AM PDT	10/10/19 11:41 AM PDT

You can export the report as a .csv (which opens in Excel) using the “Export” box. Input a file name and press “Export” download the report:

Export