



PEARSON



BUILDING TOMORROW'S **WORKFORCE**

NCCER Training and Certifications



INTRODUCTION

Did you know?

Sourcing a skilled workforce to address a global critical shortage is a challenge facing construction and energy industries in all major markets around the world.

Who is NCCER?

Founded in 1996, NCCER is a not-for-profit education foundation created as **The National Center for Construction Education and Research** with the aim of developing industry-driven, standardised craft training and assessment programmes with portable credentials.

Today, NCCER sets the standard in construction training and certification. Developed with the support of construction CEOs, professional associations and academic leaders, NCCER's comprehensive process of programme accreditation, instructor certification, standardised curriculum, assessment, certification, and online verification, is the key to developing a skilled workforce of construction professionals world-wide.

NCCER develops standardised construction and maintenance curricula and assessments with industry-recognised portable credentials. These credentials are tracked through a secure online database which allows organisations and companies to track and verify the training and assessment records of their craft professionals and prospective employees. Individuals who successfully complete NCCER curricula and/or assessments through an accredited centre earn a certificate and wallet card to evidence their training. These valuable industry credentials benefit craft professionals as they seek employment and build their careers.

Working in partnership with Pearson...

By leveraging its proven workforce development resources in partnership with Pearson, NCCER's goal is to narrow the international, construction-industry skills gap while simultaneously creating a globally recognised and portable credentialing system. As the world's leading learning

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These valuable industry credentials benefit craft professionals as they seek employment and build their careers.”

company, Pearson offers unparalleled expertise in international curriculum design, teacher training and quality assurance. Like NCCER, Pearson understands how important it is to ensure staff can perform to the same high standard wherever they are based.

What are credentials?

Credentials are evidence that a person has been trained to an accepted standard for a job in a given industry. In the same way that a qualification is evidence that someone has met the requisite learning outcomes of that qualification, NCCER credentials are earned through achieving industry-based milestones in the standardised curricula and/or assessments.

How are NCCER credentials earned?

NCCER credentials are earned through successful completion of curriculum on the training side and/or successful completion of assessments on the certification side. Both encompass written and performance exams that must be passed for the corresponding credential to be awarded.

ACCREDITATION

Program accreditation

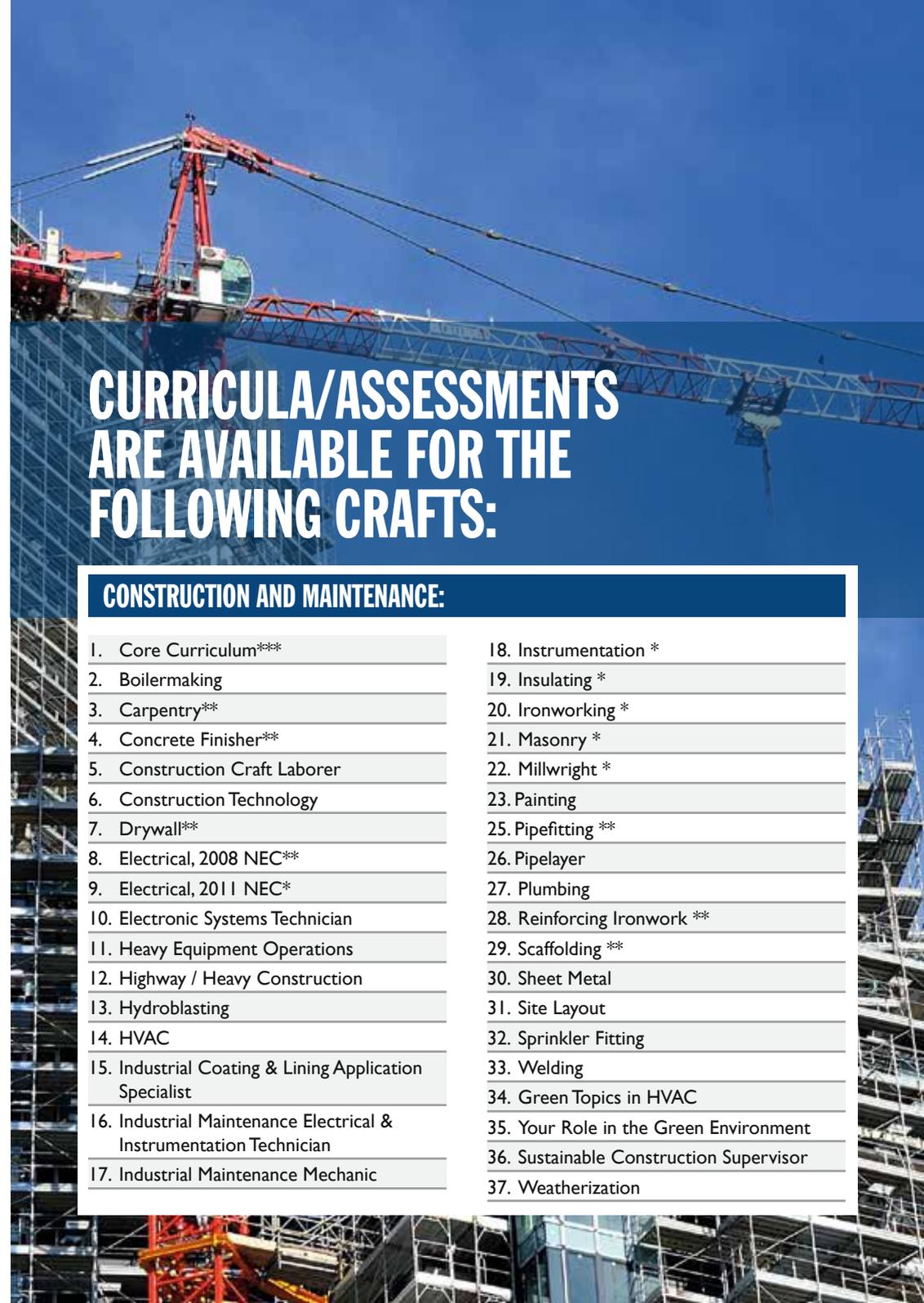
NCCER is the accrediting body for the construction industry and establishes the benchmark for quality training and assessments. By partnering with industry and academia, NCCER has developed a system for programme accreditation that is similar to those found in institutions of higher learning. This process ensures that trainees receive quality training based on uniform standards and criteria.

Why become an NCCER-Pearson Accredited Centre?

- The NCCER curricula includes more than **60 craft areas** in all and has a complete series of more than 70 assessments, meeting the needs of individuals from a broad range of industries including Construction, Maintenance, Energy, Pipeline, Safety and Management.

- NCCER curricula and assessments offer **portable, industry-recognised credentials** helping trainees progress.
- NCCER curricula and assessments have been **vetted by the construction industry** and developed in close consultation with subject matter experts (SME) to ensure they meet the needs of industries around the world.
- As an NCCER-Pearson Accredited Centre, you will be uniquely placed to provide these **rigorous and internationally-recognised programmes** to your learners.

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CURRICULA/ASSESSMENTS ARE AVAILABLE FOR THE FOLLOWING CRAFTS:

CONSTRUCTION AND MAINTENANCE:

1. Core Curriculum***	18. Instrumentation *
2. Boilermaking	19. Insulating *
3. Carpentry**	20. Ironworking *
4. Concrete Finisher**	21. Masonry *
5. Construction Craft Laborer	22. Millwright *
6. Construction Technology	23. Painting
7. Drywall**	25. Pipefitting **
8. Electrical, 2008 NEC**	26. Pipelayer
9. Electrical, 2011 NEC*	27. Plumbing
10. Electronic Systems Technician	28. Reinforcing Ironwork **
11. Heavy Equipment Operations	29. Scaffolding **
12. Highway / Heavy Construction	30. Sheet Metal
13. Hydroblasting	31. Site Layout
14. HVAC	32. Sprinkler Fitting
15. Industrial Coating & Lining Application Specialist	33. Welding
16. Industrial Maintenance Electrical & Instrumentation Technician	34. Green Topics in HVAC
17. Industrial Maintenance Mechanic	35. Your Role in the Green Environment
	36. Sustainable Construction Supervisor
	37. Weatherization

ENERGY:

1. Alternative Energy
2. Introduction to the Power Industry
3. Power Generation Maintenance Electrician
4. Power Generation Maintenance I&C Technician
5. Power Generation Maintenance Mechanic
6. Power Line Worker
7. Power Line Worker: Distribution
8. Power Line Worker: Transmission
9. Power Line Worker: Substation
10. Solar Photovoltaics Installer
11. Wind Turbine Maintenance Technician

PIPELINE:

1. Gas Pipeline Operations
2. Liquid Pipeline Control Centre Operations

3. Liquid Pipeline Field Operations
4. Pipeline Corrosion Control
5. Pipeline Electrical & Instrumentation
6. Pipeline Maintenance
7. Radiographic Testing of Pipeline Welds
8. Pipeline Mechanical

SAFETY:

1. Safety Orientation*
2. Field Safety*
3. Safety Technology

MANAGEMENT:

1. Fundamentals of Crew Leadership
2. Project Supervision
3. Project Management

NB: Not all curricula have corresponding assessment. For the full course listing please see www.edexcel.com/nccer

* Most, if not all of the curricula levels are also available in Spanish

** Accompanying Assessments are also in Spanish

*** Curricula also available in French

SPEAK TO US ABOUT BECOMING AN NCCER-PEARSON ACCREDITED CENTRE

We will work closely with you as you become an Accredited Centre, providing training and support every step of the way.

Get in touch!

To find out more about NCCER's global workforce development programmes please contact your regional Pearson office:

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