



# NATIONAL INSTITUTE FOR CERTIFICATION IN ENGINEERING TECHNOLOGIES

## LIKELY CANDIDATES FOR CREDENTIAL

MILITARY - OFFICER	NO
MILITARY - ENLISTED	YES
INDUSTRY	YES
GOVERNMENT	YES

## REQUIREMENTS

The National Institute for Certification in Engineering Technologies (NICET) credentials are by the institute of the same name. Below are the major steps to becoming Engineering Technology Certified:

- There are no pre-qualifications for taking any of the NICET certification exams.
- Reference materials are allowed to be brought into the Pearson VUE testing centers for reference during the exam.
- A passing score is a 500 or above on the certification exam.
- Certification is divided into four levels based on experience:
  - » Level I – Just beginning to explore the essentials of the field
  - » Level II – Actively involved in the field and are interested in staying there
  - » Level III – Have the knowledge, skills, and responsibility to work without immediate supervision
  - » Level IV – Expert, taking on the most difficult assignments and troubleshooting when problems arise. At this level, you will be in a position to actively recruit and mentor others through these steps in career development
- After passing your exam you must submit a detailed narrative of your work experience and a letter of verification from your supervisor.
- For Level III and IV certifications you also need a letter of recommendation and a narrative for a major project you have worked on.

## TEST FORMAT

The NICET certification is comprised of multiple practice-based divisions covering a multitude of engineering technologies:

- Technician Certification Programs
- Civil Engineering Technology

- Construction Materials Testing
  - » Asphalt / Concrete / Soils
- Transportation Construction Inspection
  - » Highway Construction Inspection
- Electrical and Mechanical Systems Engineering Technology
- Building Systems
  - » In-Building Public Safety Communications
- Electrical Power
  - » Electrical Power Testing
- Fire Protection
  - » Fire Alarm Systems
  - » Inspection and Testing of Fire Alarm Systems
  - » Inspection and Testing of Water-Based Systems
  - » Special Hazards Systems
  - » Water-Based Systems Layout
- Security Systems
  - » Video Security Systems Designer / Video Security Systems Technician

Technologist Certifications Programs

- Technologist Certification

## PUBLICATIONS AND RESOURCES

The following resources and publications are provided as the top references to assist candidates in preparation for this exam. The references vary depending on which certification you are studying for. Additional resources can be found through the National Institute for Certification in Engineering Technologies (NICET) ([nicet.org](http://nicet.org)) website.

## CONTINUING EDUCATION

Once certified you need to track your Continuing Professional Development Activities (CPD). To maintain your credential, you must complete 90 CPD points for each certification every 3 years. CPD points are divided into five categories, and you must earn credits in at least two categories. See the NICET Recertification website (<https://www.nicet.org/recertify/>) for additional information.