



CERTIFIED ENERGY AUDITOR

LIKELY CANDIDATES FOR CREDENTIAL

MILITARY - OFFICER	YES
MILITARY - ENLISTED	YES
INDUSTRY	YES
GOVERNMENT	YES

REQUIREMENTS

The Certified Energy Auditor™ (CEA™) credential is offered by the Association of Energy Engineers (AEE). Below are the major steps to becoming a CEA:

- A combination of education and related experience* determines eligibility requirements.
 - » A 4-year engineering or architecture degree, or a PE or RA license, and three years of related experience;
 - » A 4-year degree in an unrelated field and four years of related experience;
 - » A 2-year associate degree and five years of related experience;
 - » A current CEM certification and three years of related experience; or
 - » No degree and ten years of related experience.

*Related experience means work in energy auditing or on energy assessment teams.

- Verify participation in five commercial (non-residential) energy audits in the last three years, covering at least two building types, with two audits of 10,000+ sq. ft.
- Verify at least two hours of safety training in the last three years.
- Complete an approved training program.
- Complete the CEA Certification Application.
- Complete the CEA Examination.
- If you do not meet one of the eligibility criteria above, you can still apply for the Certified Energy Auditor In-Training (CEA-IT) certification by attending an approved training program, submitting the CEA-IT application, and passing the CEA examination. The CEA-IT certification is valid for six years, which allows you time to meet the full CEA eligibility requirements.

TEST FORMAT

The CEA Certification Exam is a 4-hour open book exam comprised of 12 subject sections with 120 multiple-choice questions. Of the 120 questions, 100 are scored and 20 randomly located questions are trial questions being prepared for possible use on future exams. The 20 trial questions do not count toward the examinee's score. The trial questions are randomly located and are not identified.

PUBLICATIONS AND RESOURCES

Various publications and resources are provided to assist candidates in preparation for the exam, including the CEA Body of Knowledge and Study Guide. Additional resources can be found through the Certified Energy Auditor (CEA) (aeecenter.org) website.

- Primary references include the Handbook of Energy Audits, Commercial Energy Auditing Reference Handbook, Energy Management Handbook, and the CEA Training Workbook.
- The DOE Guide to Energy Audits and ASHRAE Standard 211 (Commercial Building Energy Audits) are also recommended.
- No computers, tablets, or cell phones are allowed during the exam. However, a hand-held calculator and reference textbooks are allowed.

CONTINUING EDUCATION

- Ten (10) renewal credits per 3-year renewal cycle are required. One CEU equals 2 credits; one PDH equals 0.2 credits.
- Certification renewal is every three years.
- Credits may be earned through continued employment in energy auditing and continuing education such as live or online seminars, conferences, workshops, or training. Published papers and awards involving energy auditing can also earn credits.
- Professional society membership does not count toward CEA renewal.