



Civil Engineering Certification

Rule #3

Baseline Requirements

*Approved by the CEC Board of Direction 02 August 2021
Revisions approved by the CEC Board of Direction: 01 August 2022¹*

Rule applicability: Post-licensure Diplomate Certifications

The baseline requirements apply to all specialty areas of civil engineering. When justified by a specialty area body of knowledge, the academy (board) responsible for that specialty area may determine that additional requirements are needed. If so, that academy must develop a statement of and justification for the additional requirements linked to the specialty body of knowledge and submit it to the CEC Board for approval. The CEC Board may consult with organizations with expertise in the specialty area including, but not limited to the appropriate ASCE Institute.

Board certification in a specialty area of civil engineering is the third of three steps for preparing for a successful career in civil engineering: 1) baccalaureate degree, 2) professional engineering license, and 3) board certification. Maintaining certification includes a commitment to continuing education and continuous improvement. The baseline (minimum) requirements for a successful application are:

1. Character/soft skills.
 - 1.1. Good moral character.
 - 1.2. High ethical standards (including commitment to the ASCE Code of Ethics).
 - 1.3. Good communications skills.
 - 1.4. Demonstrated project management and/or leadership skills.
 - 1.5. Commitment to continuing education.
2. Education. A baccalaureate degree in engineering or other related field from a college of engineering program accredited by ABET. A post-graduate degree (MS or PhD) in engineering or other relevant field from educational institutions of recognized standing can satisfy the education requirement for candidates that do not hold a BS.
3. PE license (or equivalent in jurisdictions without a license program).

¹ Rule is effective when the ASCE Board of Direction approves revised CEC bylaws.

4. Work experience. The applicant must be currently actively engaged in the specialty area of civil engineering and have:
 - 4.1. A minimum of 10 years of progressively responsible post-BS work experience in civil engineering. A post-graduate degree (MS or PhD) in engineering or other relevant field from educational institutions of recognized standing can count towards up to 2 years of this requirement. Work experience may include planning, design, analysis, operations, management, governance, research, or teaching.
 - 4.2. A minimum of 6 of the 10 years of progressively responsible post-BS work experience must be in the specialty area of civil engineering.
5. Oral Interview. The academy board of trustees reviews the application packet and conducts an oral interview of all candidates to evaluate the character/soft skills and mastery of the CE-BOK3 and specialty area body of knowledge. The oral interview follows a uniform process for all candidates developed and administered by the applicable specialty board.