

## Chapter A-E 13

### CONTINUING EDUCATION FOR PROFESSIONAL ENGINEERS

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**A-E 13.01 Authority and purpose.** The rules in this chapter are adopted under the authority in ss. 15.08 (5) (b), 227.11 (2), and 443.015, Stats., and govern biennial continuing education for professional engineer registrants.

**History:** CR 11-014: cr. Register December 2011 No. 672, eff. 1-1-12.

**A-E 13.02 Definitions.** As used in this chapter:

(1) "Biennium" means a 2-year period beginning August 1 of each even-numbered year.

(2) "College semester hour" means receiving credit for completing a regularly offered course in a school or college of engineering accredited by the EAC/ABET that has testing with a passing grade required and has provisions for additional out-of-class study requirements. Credit for college approved courses will be based upon course credit established by the college. One "college semester hour" equals 45 PDHs. Monitoring or auditing courses that do not require regular testing with a passing grade will only count the actual class contact hours.

(3) "College quarter hour" means receiving credit for completing a regularly offered course in a school or college of engineering accredited by the EAC/ABET that has testing with a passing grade required and has provisions for additional out-of-class study requirements. Credit for college approved courses will be based upon course credit established by the college. One "college quarter hour" equals 30 PDHs. Monitoring or auditing courses that do not require regular testing with a passing grade will only count the actual class contact hours.

(4) "Continuing education" means the planned, professional development activities designed to contribute to the advancement, extension and enhancement of the professional skills and scientific knowledge of the registrant in the practice of professional engineering. Regular duties are not considered qualifying activities.

(5) "Continuing education unit" or "CEU" means a unit of credit customarily used for continuing education courses. One "continuing education unit" equals 10 PDHs.

(6) "Course" or "activity" means any qualifying "course" or "activity" with a clear purpose and objective that will maintain, improve, or expand the skills and knowledge relevant to the registrant's practice of professional engineering.

(7) "EAC/ABET" means the Engineering Accreditation Commission of the Accreditation Board for Engineering and Technology.

(8) "Professional development hour" or "PDH" means a period of 50 minutes of actual instruction or participation spent by the registrant in actual attendance or completion of an approved educational activity. "PDHs" should be rounded down to the nearest half hour and reported in increments of half hour with no activity of under a half hour being acceptable as qualifying for "PDH" credit. "PDHs" shall not exceed the actual contact clock hours of actual attendance.

**History:** CR 11-014: cr. Register December 2011 No. 672, eff. 1-1-12.

**A-E 13.03 Continuing education requirements.**

(1) (a) During each biennial registration period, every registrant

shall complete at least 30 hours of approved PDHs or equivalent continuing education units, pertinent to the practice of professional engineering, except that between initial registration and the first renewal period, a new registrant shall not be required to comply with the continuing education requirements for the first renewal of registration.

(b) During each biennial registration period, the registrant shall complete a minimum of 2 PDHs in the area of professional conduct and ethics.

(c) During each biennial registration period, credit for a minimum of 13 PDHs shall be obtained via courses where the registrant interacts in real time in a traditional classroom setting, computer conferencing, or interactive video conference where participants are present in the same room or logged in at the same time and can communicate directly with each other and ask questions of the instructor.

(d) If a registrant obtains more than 30 PDHs in a biennium, a maximum of 15 of the excess PDHs may be used toward the continuing education requirement in the next biennium. Excess credits cannot be used to satisfy the requirements of par. (b) or (c).

(2) Continuing education may be obtained through any of the following means:

(a) Completing courses taken at a school or college of engineering accredited by the EAC/ABET.

(b) Completing short courses or tutorials and distance education courses offered through correspondence, DVDs, or the internet.

(c) Presenting or attending qualifying seminars, in-house courses, workshops, or professional or technical presentations made at meetings, conventions, or conferences.

(d) Teaching or instructing in pars. (a) to (c). PDHs may only be counted for the initial offering or presentation of a course or program. Full-time faculty may not claim PDHs for teaching done as part of their regular duties. For teaching in pars. (a) to (d), multiply the PDHs earned by a factor of 2.

(e) Authoring published papers, articles, or books in the registrant's area of professional practice that has been published in book form or in circulated journals or trade magazines. Five PDHs will be granted in the biennium in which each publication occurred. For peer reviewed papers, articles, or books in the registrant's area of professional practice, 10 PDHs will be granted in the biennium in which each publication occurred.

(f) Actively participating in professional and technical societies. A maximum of 2 PDHs will be awarded for active participation as an officer or committee member in any one society in any one year. A maximum of 4 PDHs may be obtained under this paragraph in any biennium. PDHs are not earned until the end of each year of service is completed.

(g) Attainment of a patent relevant to the registrant's area of professional practice. Ten PDHs will be awarded for each patent.

(3) Except as provided in s. A-E 13.08, a professional engineer who fails to meet the continuing education requirements by the renewal date, as specified in s. 440.08 (2) (a) 35., Stats., may not engage in the practice of professional engineering until the

registration is renewed based upon compliance with the continuing education requirements under this chapter.

**History:** CR 11-014: cr. Register December 2011 No. 672, eff. 1-1-12; CR 17-060: am. (1) (a), (3) Register June 2018 No. 750 eff. 7-1-18.

**A-E 13.04 Examples of qualifying activities.** The following are examples of qualifying activities:

(1) Completing or attending courses, seminars, instruction, in-house programs, or training of engineering content related to the registrant's practice of professional engineering.

(2) Attending technical or professional society meetings when an engineering topic is presented as a principal part of the program.

(3) Teaching a course for the first time or teaching a course previously taught if substantial time was spent in updating material.

(4) Attending webinar courses where attendance is verified and program material meets the requirements.

(5) Completing correspondence courses on an engineering topic where lessons are prepared and returned for correction, grading, or both, and where testing at the end of the course is required.

**History:** CR 11-014: cr. Register December 2011 No. 672, eff. 1-1-12.

**A-E 13.05 Standards for approval.** (1) To be approved for PDHs, a continuing education program shall meet all of the following criteria:

(a) The program includes instruction in an organized method of learning contributing directly to the professional competency of the registrant and pertaining to subject matters which integrally relate to the practice of the profession.

(b) The program is conducted by individuals who have specialized education, training, or experience and are considered qualified concerning the subject matter of the program.

(c) The program fulfills pre-established goals and objectives.

(d) The program provides attendance verification records in the form of completion certificates or other documents supporting evidence of attendance.

(1m) The professional engineer section may approve any of the following providers for continuing education programs:

(a) A school of engineering approved by the educational approval program.

(b) Colleges, universities, and other degree granting institutions approved by an accrediting agency recognized by the United States department of education.

(c) National Council of Examiners for Engineering and Surveying or its affiliates.

(d) National Society of Professional Engineers or its affiliates.

(e) National Council of Structural Engineers Association or its affiliates.

(f) American Council of Engineering Companies or its affiliates.

(g) American Society of Civil Engineers or its affiliates.

(h) American Society of Mechanical Engineers or its affiliates.

(i) American Society of Plumbing Engineers or its affiliates.

(j) American Society of Heating, Refrigerating, and Air-Conditioning Engineers or its affiliates.

(k) Occupational safety and health administration training institute education centers.

(L) Federal highway administration.

(m) Federal emergency management agency.

(n) National highway institute.

(o) Homeland Security Systems Engineering and Development Institute.

(p) National Fire Protection Association.

(q) Institute of Electrical and Electronics Engineers.

(r) American Water Works Association.

(s) Water Environment Federation.

(t) Any other provider approved by the professional engineer section or its designee.

(2) The professional engineer section has final authority with respect to acceptance of activities, courses, credit, PDH value for courses, and other methods of earning PDHs.

**History:** CR 11-014: cr. Register December 2011 No. 672, eff. 1-1-12; CR 17-060: cr. (1m), (2) renum. from (2) (intro.) and am., Register June 2018 No. 750 eff. 7-1-18.

**A-E 13.06 Certificate of completion; proof of attendance.** (1) Each registrant shall certify on the renewal application full compliance with the continuing education requirements set forth in this chapter.

(1m) The professional engineer section may require additional evidence demonstrating compliance with the continuing education requirements under this chapter, including a certificate of attendance or documentation of completion or credit for the courses completed.

(2) The professional engineer section may conduct a random audit of its registrants on a biennial basis for compliance with these requirements. It is the responsibility of each registrant to retain or otherwise produce evidence of compliance.

(3) If a request for evidence of compliance is requested by the professional engineer section or its designee, the registrant shall submit the requested information or documentation within 30 days of receiving the written notice. Failure to do so will result in denial of registrant's application for renewal.

**History:** CR 11-014: cr. Register December 2011 No. 672, eff. 1-1-12; CR 17-060: cr. (1m), Register June 2018 No. 750 eff. 7-1-18.

**A-E 13.07 Recordkeeping.** (1) A registrant shall maintain records of their continuing education units and PDHs earned for a minimum of the 3 most recent biennia on a form approved by the professional engineer section.

(2) Records required include but are not limited to attendance verification records in the form of completion certificates or other documents supporting evidence of attendance.

(3) If a continuing education course was awarded CEUs, the CEUs shall be converted by the applicant or registrant to PDHs for recordkeeping purposes.

**History:** CR 11-014: cr. Register December 2011 No. 672, eff. 1-1-12.

**A-E 13.08 Waiver of continuing education.** (1) A renewal applicant who is unable to fully comply with the continuing education requirements due to extreme hardship may submit a written request for a waiver. The professional engineer section or its designee will review the request, and in its sole discretion, may grant a full or partial waiver, or extension of time to comply with the requirements.

(2) In this section, "extreme hardship" means an inability to fulfill the continuing education requirements during the applicable renewal period because of one of the following:

(a) Full-time service in the uniformed services of the United States for a period of at least one year during the biennium.

(b) An incapacitating illness documented by a statement from a licensed physician.

(c) A physical inability to travel to the sites of approved programs documented by a licensed physician.

(d) Any other extenuating circumstances acceptable to the professional engineer section.

(3) A renewal applicant may not receive a waiver under sub. (2) (b) or (c) for 2 consecutive biennia.

(4) A renewal applicant who has maintained an active Wisconsin license for a minimum of 30 consecutive years may, at the discretion of the professional engineer section or its designee, receive a waiver upon request and certification that the applicant

has retired from the profession and is no longer providing engineering services.

(5) A renewal applicant who receives a waiver under sub. (4) may not engage in the practice of professional engineering until the registration is renewed based upon compliance with the continuing education requirements under this chapter.

(6) A renewal applicant, who prior to the expiration date of the license submits a request for a waiver, pays the renewal fee and provides a statement setting forth the facts concerning noncompliance and the basis of the request, shall be deemed to be in good standing until the final decision on the application is issued by the professional engineer section. If a finding of extreme hardship is not determined, an applicant may not engage in the practice of professional engineering until the registration is renewed based upon compliance with the continuing education requirements under this chapter.

**History:** CR 11-014: cr. Register December 2011 No. 672, eff. 1-1-12; CR

13-064: am. (4) Register June 2014 No. 702, eff. 7-1-14; **CR 17-060: am. (5), (6), Register June 2018 No. 750 eff. 7-1-18.**

**A-E 13.09 Reciprocity.** The professional engineer section may require an applicant for registration from another state who applies for registration to practice professional engineering under s. A-E 4.08 (2) to submit proof of completion of 30 PDHs of qualifying continuing education that complies with the requirements of this chapter within the 2 year period prior to their application. However, an applicant by reciprocity who has received his or her first license as a professional engineer within the last two years shall be exempt from meeting the 30 PDHs specified in s. A-E 13.03 (1) as required for continuing education requirements and shall not be required to comply with the continuing education requirements for their first renewal of registration.

**History:** CR 11-014: cr. Register December 2011 No. 672, eff. 1-1-12; CR 13-064: am. Register June 2014 No. 702, eff. 7-1-14; **CR 17-060: am. Register June 2018 No. 750 eff. 7-1-18.**