

**Chapter 36. State Board of Registration for Architects,
Engineers, and Land Surveyors.**

12 AAC 36.063(c)(1) is amended to read:

(1) two years of responsible charge experience or **the equivalent experience gained through a** [SUCCESSFUL COMPLETION OF A FOUR-YEAR RESPONSIBLE CHARGE] mentoring **program, within the meaning given in 12 AAC 36.990(a)** and this section; **to** [. TO] receive full credit for responsible charge experience, an applicant must gain responsible charge experience while under the responsible control of a professional engineer registered in the United States in the branch of engineering for which the applicant has applied; **the** [THE] board will determine the amount of credit given for responsible charge experience gained under the responsible control of a professional engineer registered in the United States in another branch of engineering based on the comparability with the branch of engineering to which the applicant has applied;

12 AAC 36.063(c)(2) is amended to read:

(2) [RESPONSIBLE CHARGE] experience **gained under (j) of this section** [OR SUCCESSFUL COMPLETION OF FOUR YEARS OF RESPONSIBLE CHARGE OBTAINED WITHIN A MENTORING SYSTEM] will be considered for credit only if it is gained after the applicant has completed education or work experience or both that are equivalent to the requirements to be eligible for the fundamentals of engineering examination.

The introductory language of 12 AAC 36.063(j) is amended to read:

(j) To meet the mentoring requirements of this section, an applicant must complete [FOUR YEARS OF] quarterly face-to-face meetings with a professional engineer **who is** registered in the United States and registered in the same discipline that the applicant is applying for. **One quarter of responsible charge experience will be credited for every two quarters of a documented mentoring program.** An applicant shall

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12 AAC 36.063(k) is repealed:

(k) Repealed ____ / ____ / ____ [TO BE ELIGIBLE FOR THE STRUCTURAL ENGINEERING EXAMINATION, AN APPLICANT MUST

(1) BE CURRENTLY REGISTERED AS A PROFESSIONAL ENGINEER IN THIS STATE; AND

(2) HAVE AT LEAST TWO YEARS OF PROGRESSIVE STRUCTURAL EXPERIENCE, IN ADDITION TO THE EIGHT YEARS OF EDUCATION AND WORK EXPERIENCE OR BOTH THAT ARE EQUIVALENT TO THE REQUIREMENTS SET OUT IN THE APPLICABLE TABLE OF EDUCATION AND WORK EXPERIENCE

REQUIREMENTS FOR A PROFESSIONAL ENGINEERING EXAMINATION IN THIS SECTION.] (Eff. 9/30/78, Register 67; am 6/29/84, Register 90; am 8/13/87, Register 103; am 6/3/89, Register 110; am 3/16/96, Register 137; am 7/26/97, Register 143; am 8/26/98, Register 147; am 11/20/99, Register 152; am 3/8/2001, Register 157; am 6/13/2003, Register 166; am 7/22/2004, Register 171; am 9/11/2004, Register 171; am 10/29/2009, Register 192; am 9/9/2016, Register 219; am 5/25/2017, Register 222; am 5/5/2023, Register 246; am ____ / ____ / _____, Register _____)

Authority: AS 08.48.101 AS 08.48.171 AS 08.48.181

12 AAC 36.067 is repealed and readopted to read:

12 AAC 36.067. Date of experience. An applicant for registration as an engineer by examination who meets the requirements of 12 AAC 36.063(c)(1), or an applicant for registration as a land surveyor by examination who meets the requirements of 12 AAC 36.065(b) may project up to three months of professional or subprofessional work within the meaning given in 12 AAC 36.990(a) from the time of application to the date of the examination. (Eff. 9/30/78, Register 67; am 11/13/99, Register 152; am ____/____/_____, Register _____)

Authority: AS 08.48.101 AS 08.48.171

12 AAC 36 is amended by adding a new section to read:

12 AAC 36.075. Eligibility for structural engineering registration by examination.

(a) To be eligible for registration as a structural engineer, an applicant must

- (1) submit a completed application on a form provided by the department;
- (2) be currently registered as a professional engineer in this state;
- (3) have successfully passed the examination required in 12 AAC 36.100(g);
- (4) have at least two years of structural engineering work experience that must

(A) be gained after obtaining a professional engineering license;

(B) demonstrate progressive experience, knowledge, and project

responsibilities relating to the design of structural systems;

(C) be obtained under the responsible charge of

(i) a registered professional structural engineer;

(ii) a registered professional engineer practicing structural design to the standard of a professional structural engineer in a jurisdiction without separate licensure requirements for structural engineers; or

(iii) a mentoring registered professional structural engineer engaged with the applicant through a mentoring program;

(D) include practical design experience in one or more of the following areas:

(i) buildings or structures of at least 45 feet, or two stories, in height, located in a region of moderate or high seismic risk;

(ii) seismic rehabilitation or retrofitting of an existing building or structure located in a region of moderate or high seismic risk; or

(iii) structural design of any other structure of comparable structural complexity as set out in (i) or (ii) of this subparagraph; and

(5) submit evidence to the board's satisfaction that the applicant's experience meets the requirements as set out in (4) of this subsection.

(b) to be eligible for the structural engineering examination required in 12 AAC 36.100(g), an applicant must be currently registered as a professional engineer in this state. (Eff. ____/____/____, Register _____)

Authority: AS 08.48.101 AS 08.48.171 AS 08.48.181

The introductory language of 12 AAC 36.100(d) is amended to read:

(d) An [UNLESS AN APPLICANT IS REGISTERED BY COMITY UNDER AS 08.48.191(c), AN] applicant for registration as a land surveyor must pass the professional land surveyor examination, that includes

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12 AAC 36.100 is amended by adding a new subsection to read:

(g) An applicant for registration as a structural engineer must pass the NCEES Principles and Practices of Engineering Structural Examination unless applying for registration by comity under 12 AAC 36.108. (Eff. 5/23/74, Register 50; am 6/3/89, Register 110; am 10/20/90, Register 116; am 3/16/96, Register 137; am 11/13/99, Register 152; am 8/19/2006, Register 179; am 7/12/2008, Register 187; am 7/19/2009, Register 191; am 5/5/2023, Register 246; am ____/____/____, Register ____)

Authority: AS 08.48.101 AS 08.48.181 AS 08.48.191
AS 08.48.171

12 AAC 36 is amended by adding a new section to read :

12 AAC 36.104. Structural engineer registration by comity. (a) An applicant for registration as a structural engineer by comity must

(1) submit verification of current registration to practice structural engineering in a state, territory, or possession of the United States, the District of Columbia, or a foreign country, that is based upon education, experience, and examination requirements that, in the opinion of the board, are at least equivalent to the requirements as set out in AS 08.48 and this chapter at the time the applicant's registration was issued in the other jurisdiction;

(2) have passed one of the following structural engineering examinations:

(A) the NCEES PE Structural Examination;

(B) the NCEES Structural Engineering II and Washington or California Structural III examinations;

(C) the NCEES Structural Engineering I and NCEES Structural Engineering II; or

(D) the Western States 16-hour Structural Examination;

(3) have completed the cold regions design requirements of 12 AAC 36.110;

(4) have completed a jurisprudence questionnaire prepared by the board, covering the provisions of AS 08.01 - 08.03, 12 AAC 02, AS 08.48 and this chapter;

(5) meet the requirements for a professional engineering registration set out in 12 AAC 36.063(a)(3) plus an additional two years of experience working under the supervision of a registered professional engineer practicing structural engineering; and

(6) submit evidence of work experience by means of

(A) a letter bearing the signature and seal of the engineer responsible for the supervision of the applicant, verifying that applicant has been practicing structural engineering for two years; or

(B) two current letters of reference bearing the signatures and seals of professional engineers who meet the requirements of (b)(1) or (2) of this section, verifying that applicant has been practicing structural engineering as a registered professional engineer for at least five years before submitting an application under this section.

(b) Evidence of work experience and letters of references required under (a)(6)(A) and (B) of this section must be provided by

(1) a registered professional structural engineer in a state, territory, or possession of the United States, the District of Columbia, or a foreign country; or

(2) a registered professional engineer practicing structural design to the standard of a professional structural engineer.

(c) If the letter provided by an engineer to meet the requirements of (a)(6)(A) or (B) of this section does not possess a seal, the engineer must provide an explanation to the board, providing the engineer's registration number and certifying that the registration of that engineer is current.

(d) An applicant for registration as a structural engineer by comity may submit a council record issued by NCEES to verify the applicant's qualifications, including

- (1) the applicant's examination results;
- (2) records of the applicant's education; and
- (3) verification of the applicant's registration in another licensing jurisdiction.

(Eff. __/__/__, Register __)

Authority: AS 08.48.101 AS 08.48.201

12 AAC 36.105(h) is repealed and readopted to read:

(h) An applicant who has passed the NCEES Structural Engineering I Examination, NCEES Structural Engineering II Examination, or the NCEES PE Structural Examination may be granted a civil engineering registration. (Eff. 9/30/78, Register 67; am 8/13/87, Register 103; am 6/3/89, Register 110; am 10/20/90, Register 116; am 3/16/96, Register 137; am 7/26/97, Register 143; am 8/26/98, Register 147; am 11/13/99, Register 152; am 3/9/2001, Register 157; am 6/11/2005, Register 174; am 7/25/2008, Register 187; am 7/19/2009, Register 191; am

Register _____, _____ 2023 PROFESSIONAL REGULATIONS

5/25/2017, Register 222; am 3/28/2019, Register 229; am 5/5/2023, Register 246; am
_____/_____/_____, Register _____)

Authority: AS 08.48.101 AS 08.48.181 AS 08.48.191
AS 08.48.171

12 AAC 36.107(a)(3) is amended to read.

(3) has passed the [STATE LAND SURVEYOR] examination identified in
12 AAC 36.100(d) [12 AAC 36.100(d)(3)].

(Eff. 6/3/89, Register 110; am 10/20/90, Register 116; am 3/16/96, Register 137; am 5/5/2023,
Register 246; am ____/____/_____, Register _____)

Authority: AS 08.48.101 AS 08.48.181 AS 08.48.191
AS 08.48.171

12 AAC 36.990(a)(17)(O) is repealed:

(O) repealed ____/____/____ [(O) STRUCTURAL ENGINEERING;]

12 AAC 36.990(a)(42) is amended to read:

(42) "structural engineering" means the **practice of** [BRANCH OF
PROFESSIONAL] engineering that embraces the studies and activities relating to the
investigation, evaluation, analysis, design and construction of buildings, bridges, and other
structures such as walls, columns, slabs, beams, trusses, or similar members requiring force-
resisting and load bearing members and their connections, or similar members used singly or as a

part of a larger structure, and the organizational and economic aspects of these studies and activities;

12 AAC 36.990(a)(46) is repealed

(46) repealed ____ / ____ / ____ [(47) "PROGRESSIVE STRUCTURAL EXPERIENCE" MEANS THE EXPERIENCE GAINED BY AN APPLICANT AS A STRUCTURAL ENGINEER WHILE DESIGNING ONE OR MORE SIGNIFICANT STRUCTURES UNDER THE RESPONSIBLE CHARGE OF A REGISTERED STRUCTURAL ENGINEER;]

12 AAC 36.990(a) is amended by adding a new paragraph to read:

(47) "mentoring program" means a program in which a corresponding licensee reviews a mentee's work on a regular basis to ensure that the work meets the standard of care of that discipline and confirms that the mentee is developing experience and responsible charge experience.

(Eff. 5/23/74, Register 50; am 9/30/78, Register 67; am 6/29/84, Register 90; am 8/29/87, Register 103; am 10/20/90, Register 116; am 3/16/96, Register 137; am 7/26/97, Register 143; am 8/26/98, Register 147; am 11/13/99, Register 152; am 3/9/2001, Register 157; am 1/26/2012, Register 201; am 3/11/2012, Register 201; am 10/4/2015, Register 216; am 9/9/2016, Register 219; am 5/25/2017, Register 222; am 5/5/2023, Register 246; am ____ / ____ / _____, Register _____)

Authority: AS 08.48.101 AS 08.48.181 AS 08.48.331

AS 08.48.171

AS 08.48.191