
Rules of Department of Economic Development

Division 30—Missouri Board for Architects, Professional Engineers and Professional Land Surveyors Chapter 5—Examinations

Title		Page
4 CSR 30-5.010	Special Examinations Prohibited	3
4 CSR 30-5.020	NCARB Examinations—Architects	3
4 CSR 30-5.030	Standards for Admission to Examination—Architects	3
4 CSR 30-5.040	Scope of Examination—Architects (Rescinded March 11, 1982).....	3
4 CSR 30-5.050	Admission to Examination—Architects	3
4 CSR 30-5.055	Passing Grade—Architects	3
4 CSR 30-5.060	Reexamination—Architects	4
4 CSR 30-5.070	NCEE Examinations—Engineers	4
4 CSR 30-5.080	Standards for Admission to Examination—Engineers	4
4 CSR 30-5.090	Scope of Examination—Engineers	5
4 CSR 30-5.100	Passing of Part I Required—Engineers	5
4 CSR 30-5.105	Reexaminations—Engineers	5
4 CSR 30-5.110	Standards for Admission to Examination—Professional Land Surveyors	5
4 CSR 30-5.120	Scope of Examination—Land Surveyor-in-Training and Professional Land Surveyors	6
4 CSR 30-5.130	Reexamination—Land Surveyor-in-Training and Professional Land Surveyors	6

**Title 4—DEPARTMENT OF
ECONOMIC DEVELOPMENT
Division 30—Missouri Board for
Architects, Professional Engineers
and Professional Land Surveyors
Chapter 5—Examinations**

4 CSR 30-5.010 Special Examinations Prohibited

PURPOSE: This rule prohibits giving special examinations.

Examinations administered by the board shall be given at times and places established by the board. No special examinations will be conducted.

AUTHORITY: section 327.041, RSMo 1986.* Original rule filed March 16, 1970, effective April 16, 1970.

*Original authority: 372.041, RSMo 1969.

4 CSR 30-5.020 NCARB Examinations—Architects

PURPOSE: This rule adopts the National Council of Architectural Registration Boards' examination for architects.

The architectural division of the Missouri Board for Architects, Professional Engineers and Land Surveyors, having reviewed past examinations of the National Council of Architectural Registration Boards (NCARB) on architecture, finds that the examinations meet the requirements of section 327.151, RSMo (1986), and, pursuant to the discretion vested by this statute, does adopt the examination prepared by that organization as that of the division as fully as if the division had prepared the examination, with the modifications as the division deems proper. The division reserves the right to revoke this approval at any time and to prepare and administer the examination as it deems proper.

AUTHORITY: section 327.041, RSMo 1986.* Original rule filed Aug. 27, 1974, effective Sept. 27, 1974.

*Original authority: 372.041, RSMo 1969.

4 CSR 30-5.030 Standards for Admission to Examination—Architects

PURPOSE: This rule sets out standards for admission to architectural examinations.

PUBLISHER'S NOTE: The secretary of state has determined that the publication of the entire text of the material which is incorporated by reference as a portion of this rule would be unduly cumbersome or expensive. Therefore, the material which is so incorporated is on file with the agency who filed this rule, and with the Office of the Secretary of State. Any interested person may view this material at either agency's headquarters or the same will be made available at the Office of the Secretary of State at a cost not to exceed actual cost of copy reproduction. The entire text of the rule is printed here. This note refers only to the incorporated by reference material.

(1) Standards for admission to the architectural examination shall be those set out in sections (2)-(4).

(2) The standard for satisfactory architectural experience shall be the criteria set forth in the National Council of Architectural Registration Board's *Circular of Information No. 1 Appendix A* dated 1990—1991. Credit for education and experience allowed toward required qualifications set out in sections (3) and (4) will be based on that criteria.

(3) Proof of Architectural Experience of Graduates. Every graduate from a curriculum fully accredited by the National Architectural Accreditation Board (NAAB) who shall apply for architectural registration shall submit with, and as a part of, the application documents, a weekly record or log of diversified architectural experience of not less than one hundred fifty-six (156) weeks or a fully certified and completed Intern Development Program (IDP) record in lieu of the weekly record or log. Every such record or log shall cover no fewer than three (3) calendar years and shall be witnessed by the signature of a registered architect having direct personal supervision of those experiences. In addition to the experience log, there also shall be included in the application a chronological list of experience record prior to the period of the log or a fully certified IDP record.

(4) Proof of Architectural Experience of Non-graduate. Every nongraduate applying for architectural registration shall submit with, and as part of, the application documents, a weekly record or log of diversified architectural experience covering a period of not fewer than two hundred eight (208) weeks immediately prior to application. Every weekly record or log shall be witnessed by the signature of a registered architect having direct personal supervision of that experi-

ence. In addition to the experience log, there also shall be included in the application a chronological list of the education and architectural experience the applicant claims prior to the period of the log which will furnish a total of eight (8) years of architectural experience.

AUTHORITY: section 327.041, RSMo Supp. 1989.* Original rule filed March 16, 1970, effective April 16, 1970. Amended: Filed Dec. 8, 1981, effective March 11, 1982. Amended: Filed Sept. 13, 1983, effective Dec. 11, 1983. Amended: Filed Sept. 12, 1985, effective Dec. 12, 1985. Amended: Filed Feb. 4, 1992, effective June 25, 1992.

*Original authority: 372.041, RSMo 1969, amended 1981, 1986, 1989.

4 CSR 30-5.040 Scope of Examination—Architects

(Rescinded March 11, 1982)

4 CSR 30-5.050 Admission to Examination—Architects

PURPOSE: This rule prohibits admission to the architectural examination of a candidate who has an application pending in another state, unless the candidate has moved to Missouri since filing his/her original application.

No person shall be admitted to the examination for registration as an architect if s/he has an application pending for initial registration in another state, unless the applicant has changed his/her residency to Missouri since filing the original application.

AUTHORITY: section 327.041, RSMo 1986.* Original rule filed May 25, 1970, effective June 25, 1970.

*Original authority: 372.041, RSMo 1969.

4 CSR 30-5.055 Passing Grade—Architects

PURPOSE: This rule sets the required passing grade on architectural examinations.

The passing grade shall be seventy-five (75) on each portion of the architectural examination except for the design (graphic) portion of the examination. The passing grade for the design (graphic) portion of the examination, which is graded on a pass/fail basis, shall be pass.

AUTHORITY: section 327.041, RSMo Supp. 1989.* Original rule filed Dec. 8, 1981,



effective March 11, 1982. Amended: Filed Feb. 4, 1992, effective June 25, 1992.

*Original authority: 372.041, RSMo 1969, amended 1981, 1986, 1989.

4 CSR 30-5.060 Reexamination—Architects

PURPOSE: This rule permits unlimited opportunities for retake of the architectural examinations.

Applicants who fail to pass the architectural examinations will be allowed unlimited opportunities for reexamination.

AUTHORITY: section 327.041, RSMo 1986. Original rule filed Aug. 22, 1973, effective Sept. 22, 1973. Amended: Filed Dec. 8, 1981, effective March 11, 1982. Amended: Filed Sept. 13, 1983, effective Dec. 11, 1983.*

*Original authority: 372.041, RSMo 1969, amended 1981.

4 CSR 30-5.070 NCEE Examinations—Engineers

PURPOSE: This rule adopts the National Council of Engineering Examiners examination for engineers.

The Missouri Board for Architects, Professional Engineers and Land Surveyors, having reviewed past examinations of the National Council of Engineering Examiners (NCEE) on engineering, finds that the examination meets the requirements of section 327.241, RSMo (1986) and, pursuant to the discretion vested by this statute, does adopt the examination prepared by that organization as that of the board as fully as if the board had prepared the examination, with modifications as the board deems proper. The board reserves the right to revoke this approval at any time and to prepare and administer the examination as it deems proper.

AUTHORITY: section 327.041, RSMo 1986. Original rule filed Aug. 27, 1974, effective Sept. 27, 1974.*

*Original authority: 372.041, RSMo 1969.

4 CSR 30-5.080 Standards for Admission to Examination—Engineers

PURPOSE: This rule sets out standards for admission to engineering examinations.

(1) Before being admitted to the examination, an applicant for registration as a professional engineer shall have the knowledge, skills and experience as the board deems necessary to qualify the applicant for being placed in responsible charge of engineering work. The minimum length of experience required of the applicant, based on education, is three (3) years for any applicant holding a master's degree or a doctorate degree in engineering; however, an applicant will not be admitted to examination sooner than four (4) years after the applicant has satisfied the educational requirements of sections 327.221 and 327.241, RSMo, provided, however, any applicant who shall have been conferred a master's degree or doctorate degree in engineering concurrently while acquiring three (3) years of satisfactory engineering experience, as provided in this rule, shall be admitted to the examination. The Engineers' Council for Professional Development (ECPD) has been succeeded by the Accreditation Board for Engineering and Technology, Inc. (ABET). For purposes of evaluating engineering curricula at the baccalaureate level, the programs accredited by the Engineering Accreditation Commission (EAC) of ABET shall be the basis used for evaluation of programs not accredited by EAC of ABET.

(2) The board reserves the right to revoke this approval at any time and to prepare and administer the examination as it deems proper.

(3) When an engineering curriculum has not been accredited by ECPD, ABET, or its successor organizations, the professional engineering division shall evaluate the educational program of the applicant in order to determine whether or not, in its opinion, the educational program is equal to or exceeds the programs accredited by ECPD, ABET, or their successor organizations. The professional engineering division shall select one (1) registered engineer experienced in evaluating academic credentials to assist in making this determination. The evaluator, by evaluation of transcripts and an official publication describing the engineering degree program of the institution, personal interview, by examination, or both in any other manner deemed suitable, shall make an evaluation as to whether the academic program completed by the applicant meets the minimum educational requirements established by section 327.221, RSMo. The evaluator shall recommend to the professional engineering division and report how any deficiencies can be corrected, listing prescribed educational areas to bring the applicant's academic qualifications up to the

required minimum. The report of the evaluator shall not be binding upon the division.

(4) Any applicant deemed by the professional engineering division under section (3) of this rule to have completed an educational program which is equal to or exceeds those programs accredited by ECPD, ABET, or their successor organizations shall be required to have obtained the minimum engineering work experience as is required in section (1) of this rule. In all cases, the board will consider only that experience the applicant has obtained after satisfying the educational requirements of sections 327.221 and 327.241, RSMo.

(5) In evaluating the minimum engineering work experience required of all applicants, the professional engineering division shall grant maximum credit as follows:

(A) Engineering teaching at collegiate level (only advanced engineering subjects or courses related to advanced engineering at board-approved schools), assistant professor and higher—year-for-year;

(B) Graduate education, master's degree or PhD degree—one (1) year for completion of either;

(C) Military service (commissioned only—normally this service is in a technical branch such as engineering, ordinance, civil work services (CWS), civil engineering corps (CEC), etc.): Generally year-for-year subject to evaluation;

(D) Construction (technical decision-making level), above average complexity, non-standard design, or both involving field modification—year-for-year;

(E) Project planning including layout and twenty-five percent (25%) or more design—year-for-year;

(F) Research and development at the planning and decision-making level—year-for-year; and

(G) Engineering management and administration—year-for-year.

(6) Individual evaluation may result in less than full credit.

(7) In accordance with the authority conferred upon the board at section 327.241.6., RSMo, the board provides that any person, upon satisfactory showing of an urgent need, such as absence from the United States, economic hardship or professional necessity, and who has graduated from and holds an engineering degree from an accredited school of engineering, and has acquired at least three and one-half (3 1/2) years of satisfactory

experience, and previously has been classified an engineer-in-training by having successfully passed the first part of the examination, shall be eligible to take the second part of the examination and, upon passing, shall be entitled to receive a certificate of registration to practice as a professional engineer subject, however, to other provisions of Chapter 327, RSMo, including having acquired four (4) years of satisfactory experience.

AUTHORITY: section 327.041, RSMo 1994. Original rule filed March 16, 1970, effective April 16, 1970. Amended: Filed Sept. 13, 1977, effective March 11, 1978. Amended: Filed Dec. 8, 1981, effective March 11, 1982. Amended: Filed Sept. 13, 1983, effective Dec. 11, 1983. Amended: Filed Nov. 9, 1984, effective Feb. 11, 1985. Amended: Filed Sept. 12, 1985, effective Dec. 12, 1985. Amended: Filed Aug. 31, 1987, effective Nov. 23, 1987. Amended: Filed Feb. 15, 1989, effective May 11, 1989. Amended: Filed Oct. 3, 1995, effective April 30, 1996.*

**Original authority: 327.041, RSMo 1969, amended 1981, 1986, 1989, 1993, 1995.*

4 CSR 30-5.090 Scope of Examination—Engineers

PURPOSE: This rule prescribes hours and subject matter of engineering examinations.

(1) The engineering examination shall consist of two (2) parts. Each part of the examination shall consist of two (2) four (4)-hour sections. Any reexamination shall consist of all of part I or part two II, as the case shall require.

(2) Part I of the engineering examination shall be in mathematics and basic sciences.

(3) Part II of the engineering examination shall be in theory and practice of engineering.

AUTHORITY: section 327.041, RSMo 1986. Original rule filed March 16, 1970, effective April 16, 1970.*

**Original authority: 327.041, RSMo 1969.*

4 CSR 30-5.100 Passing of Part I Required—Engineers

PURPOSE: This rule requires all candidates for part two of the engineering examination to pass part one before being admitted to part two.

No applicant for registration as a professional engineer under section 327.221, RSMo shall be allowed to take part two II of the required examination without having first passed part I of that examination.

AUTHORITY: section 327.041, RSMo 1986. Original rule filed Aug. 5, 1971, effective Sept. 5, 1971. Amended: Filed Dec. 8, 1981, effective March 11, 1982.*

**Original authority: 327.041, RSMo 1969, amended 1981.*

4 CSR 30-5.105 Reexaminations—Engineers

PURPOSE: This rule outlines the policy for reexamination of engineer-intern and professional engineering applicants who fail the examination(s).

(1) An applicant for enrollment as an engineer-intern failing to make a passing grade on the National Council of Examiners for Engineering and Surveying (NCEES) Fundamentals of Engineering Examination shall have unlimited opportunities to retake the examination so long as the applicant remains qualified to be examined on the date of the reexamination and providing the following criteria are met:

(A) The applicant applies for reexamination on forms furnished by the board; and

(B) The applicant pays the required reexamination fee; and

(C) The applicant files his/her application for reexamination on or before the filing deadline established by the board; and

(D) The applicant provides any additional information deemed pertinent by the board.

(2) An applicant for examination and licensure as a professional engineer failing to make a passing grade on the NCEES Principles and Practice of Engineering Examination shall have unlimited opportunities to retake the examination so long as the applicant remains qualified to be examined on the date of the reexamination and providing the following criteria are met:

(A) The applicant applies for reexamination on forms furnished by the board; and

(B) The applicant pays the required reexamination fee; and

(C) The applicant files his/her application for reexamination on or before the filing deadline established by the board; and

(D) The applicant provides any additional information deemed pertinent to the board.

AUTHORITY: sections 327.041, RSMo Supp. 2001, 327.241 and 327.251, RSMo 2000. Original rule filed Dec. 8, 1981, effective March 11, 1982. Amended: Filed Nov. 1, 2001, effective June 30, 2002.*

**Original authority: 327.041, RSMo 1969, amended 1981, 1986, 1989, 1993, 1995, 1999, 2001; 327.241, RSMo 1969, amended 1977, 1981, 1983, 1995; and 327.251, RSMo 1969, amended 1981, 1999.*

4 CSR 30-5.110 Standards for Admission to Examination—Professional Land Surveyors

PURPOSE: This rule outlines the experience required of those persons applying for the land surveying examination under section 327.314, RSMo.

(1) No person shall apply for examination and licensure as a professional land surveyor in the state of Missouri unless said person is currently enrolled as a land surveyor-in-training and unless said person shall have acquired at least the following satisfactory professional field and office experience while enrolled as a land surveyor-in-training:

(A) If enrolled as a land surveyor-in-training prior to January 1, 2006 pursuant to the provisions of subsection (1) or (2) of section 327.312, RSMo, said person shall have acquired at least two (2) years of satisfactory professional field and office experience in land surveying under the immediate personal supervision of a licensed professional land surveyor;

(B) If enrolled as a land surveyor-in-training prior to January 1, 2006 pursuant to the provisions of subsection (3) of section 327.312, RSMo, said person shall have acquired at least one (1) year of satisfactory professional field and office experience in land surveying under the immediate personal supervision of a licensed professional land surveyor; and

(C) If enrolled as a land surveyor-in-training on or after January 1, 2006 pursuant to the provisions of subsection (1), (2) or (3) of section 327.312, RSMo, said person shall have acquired at least four (4) years of satisfactory professional field and office experience in land surveying under the immediate personal supervision of a professional land surveyor.

(2) For professional field and office experience in land surveying to be deemed satisfactory, the applicant shall have obtained at least one-third (1/3) of the required experience as field experience and at least one-third (1/3) of the required experience as office experience. Furthermore, all professional field and office

experience in land surveying shall be completed under the immediate personal supervision of a licensed professional land surveyor as defined in 4 CSR 30-13.020. In evaluating satisfactory professional field and office experience in land surveying, credit shall be given as follows:

(A) Party chief—year for year;

(B) Office work (combination of record research, survey calculations and preparation of property descriptions as relating to property boundary surveys and/or the reestablishment of the U.S. public land survey corners) (year-for-year credit);

(C) Individual evaluation may result in less than full credit; and

(D) Engineering or construction surveying work experience will receive no more than twenty-five percent (25%) credit (the maximum credit given shall be no more than twenty-five percent (25%) of the total experience required).

AUTHORITY: sections 327.041 and 327.314, RSMo Supp. 2001, and 327.312, RSMo 2000. Original rule filed March 16, 1970, effective April 16, 1970. Amended: Filed Dec. 8, 1981, effective March 11, 1982. Amended: Filed Jan. 12, 1984, effective April 12, 1984. Amended: Filed July 20, 1987, effective Oct. 25, 1987. Rescinded and readopted: Filed Nov. 1, 2001, effective June 30, 2002.*

**Original authority: 327.041, RSMo 1969, amended 1981, 1986, 1989, 1993, 1995, 1999, 2001; 327.312, RSMo 1983, amended 1999; and 327.314, RSMo 1983, amended 1999, 2001.*

4 CSR 30-5.120 Scope of Examination—Land Surveyor-in-Training and Professional Land Surveyors

PURPOSE: This rule establishes the examinations that are required of a person applying for enrollment as a land surveyor-in-training under section 327.312, RSMo, and for a person applying for licensure as a professional land surveyor.

(1) The examination for enrollment as a land surveyor-in-training shall be the National Council of Examiners for Engineering and Surveying (NCEES) Fundamentals of Land Surveying Examination.

(2) The examinations for licensure as a professional land surveyor shall be the NCEES Principles and Practice of Land Surveying and the Missouri Specific Examination covering Missouri surveying practice and Missouri statutes and rules relating to the practice of land surveying. These two (2) examinations

are independent of each other and shall be graded separately. A passing score must be obtained on each examination before licensure will be granted.

AUTHORITY: sections 327.041 and 327.314, RSMo Supp. 2001 and 327.312, RSMo 2000. Original rule filed Dec. 8, 1981, effective March 11, 1982. Amended: Filed Jan. 12, 1984, effective April 12, 1984. Amended: Filed Jan. 27, 1987, effective April 26, 1987. Amended: Filed July 20, 1987, effective Oct. 25, 1987. Rescinded and readopted: Filed Oct. 1, 2001, effective April 30, 2002.*

**Original authority: 327.041, RSMo 1969, amended 1981, 1986, 1989, 1993, 1995, 1999, 2001 and 327.312, RSMo 1983, amended 1999.*

4 CSR 30-5.130 Reexamination—Land Surveyor-in-Training and Professional Land Surveyor

PURPOSE: This rule outlines the policy for reexamination of land surveyor-in-training and professional land surveyor applicants who fail the examination(s).

(1) An applicant for enrollment as a land surveyor-in-training failing to make a passing grade on the National Council of Examiners for Engineering and Surveying (NCEES) Fundamentals of Land Surveying Examination shall have unlimited opportunities to retake the examination so long as the applicant remains qualified to be examined on the date of the reexamination and providing the following criteria are met:

(A) The applicant applies for reexamination on forms furnished by the board;

(B) The applicant pays the required reexamination fee;

(C) The applicant files his or her application for reexamination on or before the filing deadline established by the board; and

(D) The applicant provides any additional information deemed pertinent by the board.

(2) An applicant for examination and licensure as a professional land surveyor failing to make a passing grade on the NCEES Principles and Practice of Land Surveying Examination shall have unlimited opportunities to retake the examination so long as the applicant remains qualified to be examined on the date of the reexamination and providing the following criteria are met:

(A) The applicant applies for reexamination on forms furnished by the board;

(B) The applicant pays the required reexamination fee;

(C) The applicant files his or her application for reexamination on or before the filing deadline established by the board; and

(D) The applicant provides any additional information deemed pertinent by the board.

(3) An applicant for examination and licensure as a professional land surveyor failing to make a passing grade on the Missouri Specific Examination shall have unlimited opportunities to retake the examination so long as the applicant remains qualified to be examined on the date of the reexamination and providing the following criteria are met:

(A) The applicant applies for reexamination on forms furnished by the board;

(B) The applicant pays the required reexamination fee;

(C) The applicant files his/her application for reexamination on or before the filing deadline established by the board; and

(D) The applicant provides any additional information deemed pertinent to the board.

AUTHORITY: sections 327.041 and 327.314, RSMo Supp. 2001 and 327.312, 327.313, 327.321, 327.331, and 327.341, RSMo 2000. Original rule filed Dec. 8, 1981, effective March 11, 1982. Amended: Filed Jan. 12, 1984, effective April 12, 1984. Rescinded and readopted: Filed Oct. 1, 2001, effective April 30, 2002.*

**Original authority: 327.041, RSMo 1969, amended 1981, 1986, 1989, 1993, 1995, 1999, 2001; 327.312, RSMo 1983, amended 1999; 327.313, RSMo 1983, amended 1999; 327.314, RSMo 1983, amended 1999, 2001; 327.321, RSMo 1969, amended 1981, 1983, 1999; 327.331, RSMo 1969, amended 1981, 1983, 1999; and 327.341, RSMo 1969, amended 1999.*