# Rules of
## Department of Economic Development
### Division 30—Missouri Board for Architects, Professional Engineers, Professional Land Surveyors, and Landscape Architects
#### Chapter 5—Examinations

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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.


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.


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. This material as incorporated by reference in this rule shall be maintained by the agency at its headquarters and shall be made available to the public for inspection and copying at no more than the actual cost of reproduction. This note applies only to the reference material. The entire text of the rule is printed here.

(1) Every graduate from a curriculum fully accredited by the National Architectural Accreditation Board (NAAB), or other designated agencies as recognized by the National Council of Architectural Registration Boards (NCARB), who shall apply for architectural licensure shall submit with and as a part of the application documents as required in section 327.131, RSMo, a fully certified and completed Intern Development Program (IDP) record.

(2) Prior to January 1, 2012, every nongraduate applying for architectural licensure shall submit with and as part of the application documents as required in section 327.131, RSMo, 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 licensed architect having direct personal supervision of that experience. 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.

(3) 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 1978, which is incorporated herein by reference. A copy of the information may be obtained by contacting the National Council of Architectural Registration Boards, 1801 K Street NW, Suite 1100, Washington DC 20006-1301. The referenced material does not include any later amendments or additions.


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.

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


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.


*Original authority: 327.041, 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 licensure 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 in engineering; however, an applicant will not be admitted to the 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 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) Foreign-educated applicants holding an engineering degree not accredited by ECPD, ABET, or its successor organizations will be required to submit a favorable evaluation report completed by the Engineering Credentials Evaluation International (ECEI) or by another evaluation service acceptable by the professional engineering division of the board certifying equivalency to an ABET accredited degree. Applicants holding a United States of America (U.S.A.) engineering degree not accredited by ECPD, ABET, or its successor organizations will be required to have their educational degree program evaluated in order to determine whether or not it is equal to or exceeds the programs accredited by ECPD, ABET, or their successor organizations. The evaluation must be completed by an engineer(s) experienced in evaluating academic credentials selected by the professional engineering division or by an evaluation service acceptable by the professional engineering division of the board. 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) A degree in engineering technology does not meet the educational requirements of section 327.221, RSMo.

(5) 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.

(6) 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) Master’s degree in engineering—one (1) year for completion;

(C) Military service (commissioned only) normally this service is in a technical branch such as engineering, ordinance, civic 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;

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**4 CSR 30-5.060 Reexamination—Architects**

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

(1) Applicants who fail to pass the architectural examinations will be allowed unlimited opportunities for reexamination in accordance with the rolling clock standards established by the National Council of Architectural Registration Boards (NCARB).


**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.

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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 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.

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


*Original authority: 327.041, RSMo 1986.

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).

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.


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.


Chapter 5—Examinations

4 CSR 30-5.140 CLARB Examinations—Landscape Architects

PURPOSE: This rule adopts the Council of Landscape Architectural Registration Boards’ Landscape Architect Registration Examination (LARE) or its successor.

(1) The board adopts the Council of Landscape Architectural Registration Boards’ (CLARB) Landscape Architect Registration Examination (LARE) or its successor as its own. All applications for examination as a landscape architect shall be filed with the Missouri Board for Architects, Professional Engineers, Professional Land Surveyors, and Landscape Architects, or a substantially equivalent provider so designated by the board, prior to the deadline established by the board. An applicant shall obtain a passing score on each portion of the examination in accordance with CLARB standards.


4 CSR 30-5.150 Standards for Admission to Examination—Landscape Architects

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

(1) A Missouri applicant shall have a degree in landscape architecture from an accredited school of landscape architecture and have acquired at least three (3) years satisfactory landscape architectural experience after acquiring that degree to qualify for the Council of Landscape Architectural Registration Boards’ (CLARB) Landscape Architect Registration Examination (LARE), or its successor.

(2) For the purpose of admission to the examination, satisfactory training and experience shall include: site investigation; selection and allocation of land and water resources for appropriate use; land use feasibility studies; formulation of graphic and written criteria to govern the planning and design of land construction programs; preparation, review and analysis of master plans for land use and site development; production of overall site plans, grading plans, irrigation plans, planting plans and related construction details; specifications; cost estimates and reports for site development; collaboration in the design of roads and site structures with respect to the functional and aesthetic requirements, but not involving structural design or stability; and field observation of land area construction, restoration and maintenance.
