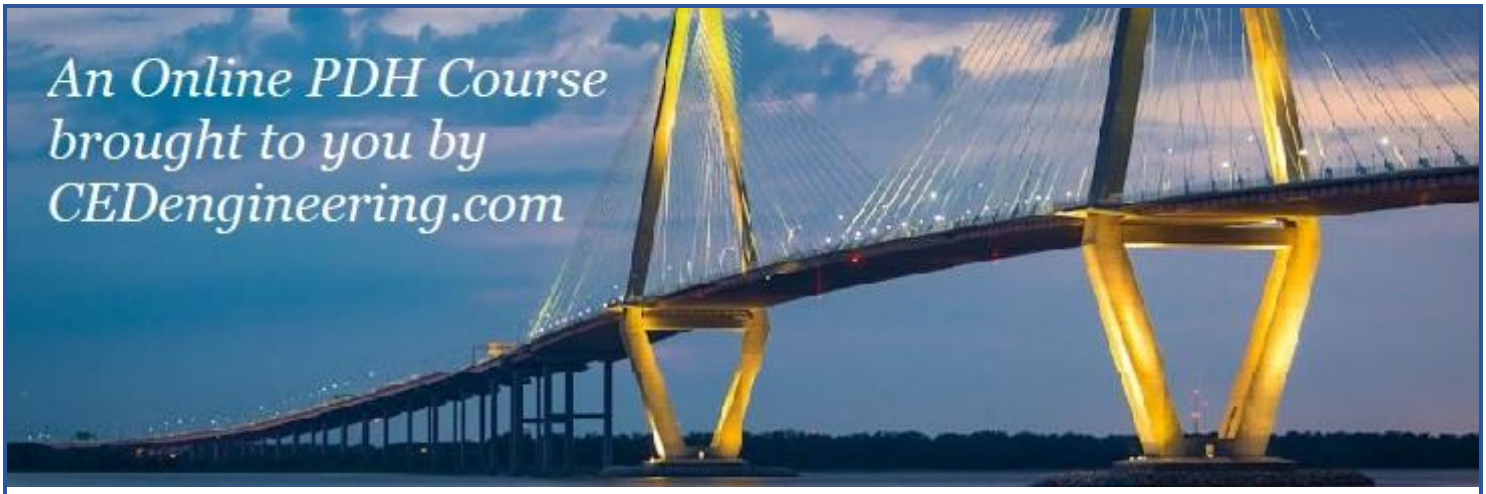

Engineering Ethics for Michigan Professional Engineers

Course No: MI2-001
Credit: 2 PDH

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Chapter 1

Overview of the Michigan Licensing Regulations

Bureau of Professional Licensing

The Bureau of Professional Licensing (BPL) is responsible for licensing and regulating over 700,000 individuals who are regulated by either the Michigan Occupational Code or the Public Health Code. BPL is also responsible for maintaining the Health Professional Recovery Program (HPRP) and the Michigan Automated Prescription System (MAPS). The mission of the Bureau of Professional Licensing is to protect, preserve and improve the health, safety and welfare of Michigan's citizens through the licensing and regulation of occupational and health professionals. The Bureau is designed to make the regulatory system simple, fair and efficient.

The Licensing Division, in conjunction with state licensing boards, regulates 14 occupational professions in Michigan under the Michigan Occupational Code. This division is responsible for providing customer service, pre-licensure support and application processing. Team members in the Licensing Division fulfill a number of functions such as reviewing applications; processing renewals; issuing licenses, registrations, and/or certificates; and maintaining all licensing records for almost 300,000 professionals.

Enforcement Division

The Enforcement Division includes Regulation, Pharmacy and Drug Monitoring, Compliance, Continuing Education Audit, and the Michigan Automated Prescription System (MAPS). The Division is responsible for issuing administrative and formal complaints alleging violations of the Occupational Code and the Public Health Code, including but not limited to professional standards and negligence, sanitation, over-prescribing, over-dispensing, diversion of controlled substances, and continuing education requirement violations.

In addition, the Division negotiates settlements, presents licensure and disciplinary matters to boards and disciplinary subcommittees, and monitors compliance for all final disciplinary orders for the 26 health and 14 occupational professions regulated by the Bureau. The Compliance Section processes license reinstatement and reclassification applications while the MAPS Section administers Michigan's prescription drug monitoring program.

Michigan State Board of Professional Engineers

Article 20 of Public Act 299 of 1980, as amended, was created to license and regulate the practice of professional engineering in Michigan. Article 20 defines professional engineering as professional services, such as consultation, investigation, evaluation, planning, design or review of material and completed phases of work in construction, alteration or repair in connection with a public or private utility, structure, building, machine, equipment, process, work or project when the professional service requires the application of engineering principles or data.

Chapter 2

Occupational Code - Act 299 of 1980

The following is an excerpt from Article 20 of the Occupational Code Act 299 of 1980. If you wish to review the entire Article, please visit the website of the Michigan Board at:

https://www.michigan.gov/lara/bureau-list/bpl/occ/prof/engineers

Article 20

339.2002 Boards of architects, professional engineers, and professional surveyors; creation; membership; terms; resignation, disability, or removal for cause.

(1) The boards of architects, of professional engineers, and of professional surveyors are created.

(2) The board of architects consists of 5 architects, 1 professional engineer who is a member of the board of professional engineers, and 1 professional surveyor who is a member of the board of professional surveyors. Two members of the board shall represent the general public.

(3) The board of professional engineers consists of 5 professional engineers, 1 architect who is a member of the board of architects, and 1 professional surveyor who is a member of the board of professional surveyors. Two members of the board shall represent the general public.

(4) The board of professional surveyors consists of 5 professional surveyors, 1 professional engineer who is a member of the board of professional engineers, and 1 architect who is a member of the board of architects. Two members of the board shall represent the general public.

(5) Of the initial members of the board of architects, the terms of 3 of the members, including 2 of the members who are licensed architects and 1 of the members representing the general public, shall be 4 years; the term of 1 of the members who is a licensed architect shall be 3 years; the term of 1 of the members who is a licensed architect shall be 2 years; and the terms of 2 of the members, including 1 of the members who is a licensed architect and 1 of the members of the general public, shall be 1 year. The term of the member who is a licensed professional engineer shall coincide with that member's term on the board of professional engineers. The term of the member who is a licensed professional surveyor shall coincide with that member's term on the board of professional surveyors.

(6) Of the initial members of the board of professional engineers, the terms of 3 of the members, including 2 of the members who are licensed professional engineers and 1 of the members representing the general public, shall be 4 years; the term of 1 of the members who is a licensed professional engineer shall be 3 years; the term of 1 of the

members who is a licensed professional engineer shall be 2 years; and the terms of 2 of the members, including 1 of the members who is a licensed professional engineer and 1 of the members of the general public shall be 1 year. The term of the member who is a licensed architect shall coincide with that member's term on the board of architects. The term of the member who is a licensed professional surveyor shall coincide with that member's term on the board of professional surveyors.

(7) Of the initial members of the board of professional surveyors, the terms of 3 of the members, including 2 of the members who are licensed professional surveyors and 1 of the members representing the general public, shall be 4 years; the term of 1 of the members who is a licensed professional surveyor shall be 3 years; the term of 1 of the members who is a licensed professional surveyor shall be 2 years; and the terms of 2 of the members, including 1 of the members who is a licensed professional surveyor and 1 of the members of the general public, shall be 1 year. The term of the member who is a licensed professional engineer shall coincide with that member's term on the board of professional engineers. The term of the member who is a licensed architect shall coincide with that member's term on the board of architects.

(8) A licensee who serves on more than 1 board created under this article, and who resigns, is disabled, or is removed for cause by the governor from the board under which he or she is licensed, shall no longer represent that board on any other board created under this article.

History: 1980, Act 299, Imd. Eff. Oct. 21, 1980; - Am. 1981, Act 83, Imd. Eff. July 1, 1981; - Am. 1992, Act 103, Eff. Sept. 1, 1992

339.2004 Architect, professional engineer, and professional surveyor; licensing requirements.

(1) In order to be licensed as an architect, an individual must meet all of the following:

(a) Provide evidence of completion of a first professional degree or further degree in architecture satisfactory to the board of architects.

(b) Pass an examination that tests the applicant's qualifications to practice architecture or provide equivalent proof of qualification acceptable to the department and the board of architects.

(c) Be of good moral character.

(d) Provide documentation of professional experience in architectural work satisfactory to the board.

(2) In order to be licensed as a professional engineer, an individual must meet all of the following:

(a) Provide documentation of at least 8 years of professional experience in engineering work acceptable to the board of professional engineers, including not more than 5 years of education.

(b) Provide evidence of completion of a baccalaureate degree in engineering from an accredited program or its equivalent, as determined by the board of professional engineers.

(c) Pass the engineering fundamentals and professional practice examinations or provide equivalent proof of qualification to practice professional engineering acceptable to the department and the board.

(d) Be of good moral character.

(3) In order to be licensed as a professional surveyor, an individual must meet all of the following:

(a) Provide documentation of at least 8 years of professional experience in professional surveying satisfactory to the board of professional surveyors, including not more than 5 years of education.

(b) Provide evidence of completion of a degree in professional surveying or a related degree that included professional surveying courses acceptable to the board of professional surveyors.

(c) Pass the professional surveying fundamentals and professional practice examinations or provide equivalent proof of qualification to practice professional surveying acceptable to the department and the board.

(d) Be of good moral character.

History: 1980, Act 299, Imd. Eff. Oct. 21, 1980;–Am. 1981, Act 83, Imd. Eff. July 1, 1981;–Am. 1988, Act 463, Eff. Sept. 1, 1989;–Am. 2009, Act 143, Imd. Eff. Nov. 10, 2009;–Am. 2016, Act 435, Eff. Apr. 4, 2017.

339.2007 Seal; signature.

(1) When he or she is licensed, a licensee shall obtain or adopt a seal, in a form authorized by the appropriate board, that bears the licensee's name and the legend indicating either "licensed architect", "licensed professional engineer", or "licensed professional surveyor". However, a seal that exists on September 1, 1992 and bears the legend "registered architect", "registered professional engineer", "registered land surveyor", or "licensed land surveyor" is acceptable if a seal is required under state law.

(2) A licensee shall apply his or her seal and signature to a plan, specification, plat, or report that is issued by the licensee and filed with a public authority. If the license of the licensee named on a document has expired or is suspended or revoked, a person shall not apply the licensee's seal or signature to the document unless the license is renewed, reinstated, or reissued.

(3) As used in this section and section 2008:

(a) "Electronic seal" means a seal created by electronic or optical means and affixed electronically to a document or electronic document.

(b) "Electronic signature" means a signature created by electronic or optical means and affixed electronically to a document or electronic document with intent to sign the document.

(c) "Seal" includes an electronic seal.

(d) "Signature" includes an electronic signature.

History: 1980, Act 299, Imd. Eff. Oct. 21, 1980;–Am. 1992, Act 103, Eff. Sept. 1, 1992;–Am. 2013, Act 178, Eff. Feb. 25, 2014.

339.2008 Sealing documents requiring governmental agency approval or record; projects involving overlapping of architecture and engineering professions; sealing documents not prepared by licensee prohibited.

(1) A plan, plat, drawing, map, and the title sheet of specifications, an addendum, bulletin, or report or, if a bound copy is submitted, the index sheets of a plan, specification, or report, if prepared by a licensee and required to be submitted to a governmental agency for approval or record, shall carry the embossed, printed, or electronic seal of the person in responsible charge.

(2) If the overlapping of the professions of architecture and engineering is involved in a project, a licensed architect or licensed professional engineer who seals the plans, drawings, specifications, and reports may perform services in the field of the other practice if the services are incidental to the architectural or engineering project as a whole.

Study Question 1:

What happens if the overlapping of the professions of architecture and engineering is involved in a project?

(3) A licensee shall not seal a plan, drawing, map, plat, report, specification, or other document that is not prepared by the licensee or under the supervision of the licensee as the person in responsible charge.

History: 1980, Act 299, Imd. Eff. Oct. 21, 1980;–Am. 2013, Act 178, Eff. Feb. 25, 2014.

339.2014 Prohibited conduct; penalties.

A person is subject to the penalties set forth in article 6 who commits 1 of the following:

(a) Uses the term "architect", "professional engineer", "land surveyor", "professional surveyor", or a similar term in connection with the person's name unless the person is licensed in the appropriate practice under this article.

(b) Presents or attempts to use as the person's own the license or seal of another.

(c) Attempts to use an expired, suspended, or revoked license.

(d) Uses the words "architecture", "professional engineering", "land surveying", "professional surveying", or a similar term in a firm name without authorization by the appropriate board.

(e) Submits to a public official of this state or a political subdivision of this state for approval, a permit or a plan for filing as a public record, a specification, a report, or a land survey that does not bear 1 or more seals of a licensee as required by this article. This subdivision does not apply to a public work costing less than $15,000.00 or a residential building containing not more than 3,500 square feet of calculated floor area. As used in this subdivision, "calculated floor area" means that term as defined in section 2012(2)(a).

History: 1980, Act 299, Imd. Eff. Oct. 21, 1980;–Am. 1981, Act 83, Imd. Eff. July 1, 1981;–Am. 1992, Act 103, Imd. Eff. Sept. 1, 1992; –Am. 2002, Act 495, Imd. Eff. July 3, 2002.

Chapter 3

Michigan Administrative Rules

PROFESSIONAL ENGINEERS – GENERAL RULES

PART 1. GENERAL PROVISIONS

R 339.16001 Definitions

Rule 1. As used in these rules:

(a) "Board" means the board of professional engineers created under section 2002 of the code, MCL 339.2002.

(b) "CEAB" mean the Canadian Engineering Accreditation Board.

(c) "Code" means the occupational code, 1980 PA 299, MCL 339.101 to 339.2677.

(d) "Continuing education" means a course or activity designed to bring licensees up to date on a particular area of knowledge or skills relevant to the licensee's area of professional practice.

(e) "Course" means any qualifying activity with a clear purpose and goal that keeps, improves, or expands the skills and knowledge relevant to the licensee's area of professional practice.

(f) "Department" means the department of licensing and regulatory affairs.

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

(h) "NCEES" means the National Council of Examiners for Engineering and Surveying.

(2) A term defined in the code has the same meaning when used in these rules.

History: 1985 AACS; 2008 AACS; 2013 AACS; 2014 AACS; 2020 AACS; 2022 AACS; 2023 MR 9, Eff. May 2, 2023.

PART 2. LICENSURE

R 339.16021 Educational requirements

Rule 21. An applicant for licensure shall provide proof, as directed by the department, verifying 1 of the following to satisfy the educational requirement under the code:

(a) Transcripts verifying that the applicant received a baccalaureate degree or higher in engineering from a program accredited by the EAC/ABET or the CEAB.

(b) Transcripts verifying that the applicant received a master's degree or doctorate in engineering from a school and program with an EAC/ABET-accredited or a CEAB-accredited baccalaureate degree program that is in the same engineering discipline as the applicant's master's degree or doctorate.

(c) A credentials evaluation from NCEES that verifies all the following:

(i) The applicant for licensure received either of the following:

(A) A baccalaureate degree in engineering from a non-United States-based program.

(B) A master's degree or doctorate in engineering from a non-EAC/ABET-accredited program.

(ii) The applicant for licensure completed not less than 32 college semester credit hours in the areas of mathematics and basic science.

(iii) The applicant for licensure completed not less than 48 college semester credit hours in engineering science or engineering design courses that satisfy the course requirements established under the NCEES Engineering Education Standard.

Study Question 2:

List the credentials an applicant holding a baccalaureate degree in engineering from outside the United States would need to apply for a license?

(d) A credentials evaluation that verifies the applicant received a baccalaureate degree in engineering from an educational program that is substantially equivalent to an EAC/ABET-accredited baccalaureate degree program in engineering. The credentials evaluation must be generated by a company that is a current member of the National Association of Credential Evaluation Services (NACES).

History: 1985 AACS; 2008 AACS; 2020 AACS; 2022 AACS; 2023 MR 9, Eff. May 2, 2023.

R 339.16022 Professional engineering experience; credit for work experience; credit for educational experience

Rule 22. (1) Under section 2004(2)(a) of the code, MCL 339.2004, an applicant for licensure shall document not less than 8 years of professional experience in engineering work, including not more than 5 years of education granted under subrule (4) of this rule. An applicant shall satisfy the requirements of this rule to receive credit for professional experience.

(2) An applicant for licensure shall provide proof, as directed by the department, verifying either of the following to receive credit for professional experience in engineering work:

(a) Except as otherwise provided under subrules (1) and (4) of this rule, the applicant has obtained not less than 4 years of experience practicing as a licensed or registered professional engineer in another state or a province of Canada.

(b) All of the following:

(i) The dates of performing engineering work that qualifies as professional experience under subrule (3) of this rule.

(ii) The supervising individual's name and license or registration number and the state or province of Canada in which the supervising individual is licensed or registered as a professional engineer.

(iii) Documentation from the supervising individual attesting to the work experience, dates of work, and supervision.

(3) Engineering work that satisfies all the following requirements qualifies as professional experience:

(a) The work involves the use of engineering principles and data.

(b) The work is in the form of consultation, investigation, evaluation, planning, design, or review of materials or completed phases of work in the construction, alteration, or repair in connection with a public or private utility, structure, building, machine, equipment, process, work, or project.

(c) The work is performed while under the direction of a professional engineer licensed in this state or licensed or registered in another state or a province of Canada.

(4) The department shall grant not more than 5 years of professional experience credit to an applicant holding a degree that satisfies the requirements under R 339.16021.
Credit is limited to the following amounts:

(a) Not more than 4 years of professional experience for a baccalaureate degree in engineering. Experience is granted for only 1 baccalaureate degree.

(b) Not more than 1 year of professional experience for a post-baccalaureate degree in engineering. Experience is granted for only 1 post-baccalaureate degree.

History: 1985 AACS; 2020 AACS; 2022 AACS; 2023 MR 9, Eff. May 2, 2023.

R 339.16025 Relicensure requirements

Rule 25. (1) An applicant whose license has lapsed for less than 3 years after the expiration date of the last license may be relicensed under section 411(3) of the code, MCL 339.411, by satisfying all the following requirements:

(a) Provides a completed application on a form provided by the department.

(b) Pays the required fee to the department.

(c) Provides proof, as directed by the department, verifying that the applicant has completed 15 hours of continuing education in activities approved under R 339.16041, during the 12 months immediately before the date of filing the relicensure application. Of the 15 hours, at least 1 hour of continuing education must be earned in ethics, as it relates to professional engineering. If the department determines that the amount of continuing education hours provided with the application is deficient, the applicant has 1 year after the date of filing the application to provide proof of completing the deficient hours.

(2) An applicant whose license has lapsed for 3 years or more after the expiration date of the last license may be relicensed under section 411(4) of the code, MCL 339.411, by satisfying all the following requirements:

(a) Provides a completed application on a form provided by the department.

(b) Pays the required fee to the department.

(c) Establishes that the applicant has met all the requirements for initial licensure under the code and these rules.

(d) Provides proof, as directed by the department, verifying 1 of the following:

(i) The completion of 30 hours of continuing education in activities approved under R 339.16041, during the 24 months immediately before the date of filing the relicensure application. Of the 30 hours, not less than 2 hours of continuing education must be earned in ethics, as it relates to professional engineering. If the department determines that the amount of continuing education hours provided with the application is deficient, the applicant has 1 year after the date of filing the application to provide proof of completing the deficient hours.

(ii) The applicant holds or has held a valid and unrestricted license or registration in another state or a province of Canada during the 24 months immediately before the date of filing the relicensure application.

History: 1985 AACS; 2008 AACS; 2014 AACS; 2020 AACS; 2022 AACS; 2023 MR 9, Eff. May 2, 2023.

R 339.16026 Examination requirements

Rule 26. An applicant for licensure shall provide proof, as directed by the department, verifying both of the following to satisfy the examination requirements under the code:

(a) The applicant achieved a passing score as determined by NCEES on either of the
following examinations:

(i) The NCEES Principals and Practice of Engineering examination.

Study Question 3:

If the applicant achieved a passing score on the NCEES Fundamentals of Engineering examination, what other examinations should be passed to be able to apply to a license?

(ii) Both parts of the NCEES Structural Engineering examination, known as SE-I and SE-II.

(b) Either of the following:

(i) The applicant achieved a passing score as determined by NCEES on the NCEES Fundamentals of Engineering examination.

(ii) The applicant received a doctorate in engineering from a school and program with an EAC/ABET-accredited or a CEAB-accredited baccalaureate degree program that is in the same engineering discipline as the applicant's doctorate in engineering.

History: 2008 AACS; 2020 AACS; 2022 AACS; 2023 MR 9, Eff. May 2, 2023.

PART 3. STANDARDS OF PRACTICE AND PROFESSIONAL CONDUCT

R 339.16031 Professional conduct; requirements; restrictions.

Rule 31. (1) A licensee shall follow all the rules of conduct under this part.

(2) A licensee shall do all the following:

(a) If the licensee is the individual in responsible charge, the licensee shall notify the licensee's employer or client, and any other appropriate authority, when the licensee's judgment is overruled under circumstances that endanger life or property.

(b) If the licensee is not the individual in responsible charge, the licensee shall notify the individual in responsible charge when the licensee's judgment is overruled under circumstances that endanger life or property.

(c) Participate in phases of a project in which the licensee is competent.

(d) Undertake assignments in which the licensee is qualified by education or experience in the specific technical field or fields involved.

(e) Complete, sign, seal, or approve engineering documents that conform with the law and applicable professional standards.

(f) Be objective and truthful in professional reports, statements, or testimony and include all relevant information in these reports, statements, or testimony.

(g) Disclose to an employer, client, or public body that the licensee serves, all known or potential conflicts of interest that could influence or appear to influence the licensee's judgment or the quality of the licensee's services.

(3) A licensee shall not do any of the following:

(a) Disclose confidential information obtained in a professional capacity without the prior consent of the client or employer, unless authorized or required by law or these rules.

(b) Partner, practice, or offer to practice with any individual or firm or assist any individual or firm that the licensee knows is engaged in fraudulent or dishonest business or professional practices or the unlawful practice of professional engineering.

(c) Falsify the licensee's qualifications or the qualifications of the licensee's associates or allow misrepresentations of the licensee's qualifications or the qualifications of the licensee's associates.

(d) Misrepresent or exaggerate the licensee's experience or qualifications.

(e) Knowingly make statements containing a material misrepresentation of fact, omitting a material fact, or knowingly make statements that deceive the public.

(f) Attempt to injure, maliciously or falsely, directly or indirectly, the professional reputation, prospects, practice, or employment of other licensed professional engineers.

(g) Give or offer to give, directly or indirectly, to a client, potential client, the agent of a client, or the agent of a potential client, a commission, contribution, gift, or other valuable consideration to secure or retain engineering work. This restriction does not include payments to an employment agency for securing employment or employees for salaried positions.

Study Question 4:

Is it appropriate for a licensee to gift a client in order to obtain an engineering job?

(h) Solicit or accept a compensation, contribution, gift, or other valuable consideration, directly or indirectly, from more than 1 individual for services on the same project, or for services pertaining to the same project, unless the circumstances are fully disclosed and agreed to by all interested parties.

(i) Solicit or accept a commission, contribution, gift, or other valuable consideration, directly or indirectly, from other parties dealing with the licensee's clients or employers, or from outside agents who have no dealings with the licensee's client or employer, in connection with the work for which the licensee is responsible, unless the circumstances are fully disclosed and agreed to by all interested parties.

(j) Solicit or accept a commission, contribution, gift, or other valuable consideration, directly or indirectly, when the licensee's judgment may be compromised.

(k) Complete, sign, seal, or approve engineering documents that do not conform with the law or applicable professional standards.

(4) Work for which the licensee is responsible, the procedures followed, and the decisions made by individuals under the licensee's supervision must be subject to sustained review and approval by the licensee.

History: 1985 AACS; 2020 AACS; 2022 AACS; 2023 MR 9, Eff. May 2, 2023.

R 339.16032 Professional engineer seal

Rule 32. (1) The seal of a professional engineer must include the licensee's name and full license number, as shown on the licensee's state-issued professional engineer license and

indicate "State of Michigan" and "Licensed Professional Engineer" in the legend surrounding the seal. The seal must have a design substantially equivalent to figure 32 below.

(2) A licensee's seal must be used by the licensee whose name appears on the seal for as long as the license is in effect. A licensee is responsible for the security of the licensee's seal.

Figure 32

History: 1985 AACS; 2020 AACS; 2022 AACS; 2023 MR 9, Eff. May 2, 2023.

PART 4. LICENSE RENEWAL AND CONTINUING EDUCATION

R 339.16040 Continuing education required for renewal; certification of compliance; document retention; continuing education waiver.

Rule 40. (1) An applicant for license renewal who has been licensed during the 2-year period immediately before the expiration date of the license shall obtain not less than 30 hours of continuing education in activities approved under R 339.16041, during the 2-year period immediately before the expiration date of the license. Of the 30 hours, not less than 2 hours of continuing education must be earned in ethics, as it relates to professional engineering.

Study Question 5:

How many hours of continuing education should be earned in ethics for an applicant to be able to renew their license?

(2) Submission of an application for renewal constitutes the applicant's certification of compliance with this rule and R 339.16041.

(3) A licensee shall maintain documentation of satisfying the requirements of this rule and R 339.16041 for a period of 4 years after the date of filing the application for license renewal.

(4) A licensee is subject to an audit under this part and may have to provide documentation as described by R 339.16041 on request of the department.

(5) The department must receive a request for a waiver of continuing education requirements for the board's consideration not less than 30 days before the last regularly scheduled board meeting before the expiration date of the license.

History: 2013 AACS; 2020 AACS; 2022 AACS; 2023 MR 9, Eff. May 2, 2023.

R 339.16041 Acceptable continuing education; limitations.

Rule 41. (1) The department shall grant credit for in-person or online continuing education hours that satisfy the requirements in the following chart:

Activity Code	Activity and Proof Required	Number of Continuing Education Hours Granted for Activity
(a)	Completing a continuing education program or activity related to professional engineering that is approved or offered for continuing education credit by any of the following: • Another state's board of engineers. • A professional engineering association, organization, or society. • NCEES. • ABET. If audited, a licensee shall provide documentation or a certificate of completion showing the licensee's name, total continuing education credits earned, sponsor name and contact information, program title, and the date the program was held or completed.	The number of continuing education hours approved by the approving entity are granted for this activity.
(b)	Passing an academic course related to professional engineering offered by a college or university that offers a baccalaureate degree or higher in an engineering program that is accredited by EAC/ABET or CEAB. If audited, a licensee shall provide a copy of the transcript showing the number of credit hours of the academic courses related to professional engineering.	Fifteen continuing education hours are granted for each semester credit or 10 continuing education hours are granted for each quarter credit.
(c)	Attending a seminar, in-house course, workshop, or professional or technical presentation related to professional engineering. If audited, the licensee shall provide a copy of the presentation notice or advertisement showing the date of the presentation, the licensee's name listed as a presenter or attendee, and the name of the organization that approved or offered the presentation.	One continuing education hour is granted for every 50 minutes attending the activity.
(d)	Teaching, instructing, or presenting on a subject related to professional engineering.	Two continuing education hours are granted for every 50 minutes of teaching, instruction, or presenting.

	If audited, a license shall provide documentation by the college or university confirming the licensee as the teacher, instructor, or presenter of the academic course, the dates of the course or presentation, the number of classroom hours spent teaching, instructing, or presenting, and the course title.	A maximum of 12 continuing education hours are granted for this activity during each renewal period.
(e)	Publication of a peer-reviewed paper, article, or book related to professional engineering. If audited, the licensee shall provide a copy of the publication that identifies the licensee as the author or a publication acceptance letter.	Six continuing education hours are granted for this activity. Credit is not granted for multiple publications of the same peer-review paper, article, or book. A maximum of 18 continuing education hours are granted for this activity during each renewal period.
(f)	Serving as a voting member on a state or national committee, board, council, or association related to professional engineering. To receive credit, a licensee must take part in not less than 50% of the regularly scheduled meetings of the committee, board, council, or association. If audited, a licensee shall provide documentation satisfactory to the department verifying the licensee's participation in not less than 50% of the regularly scheduled meetings of the committee, board, council, or association and provide verification of the licensee's status as a voting member on the committee, board, council, or association.	Three continuing education hours are granted for the year in which the licensee serves as a member. A maximum of 6 continuing education hours are granted for this activity during each renewal period.
(g)	Attending a Michigan board of professional engineers meeting. To receive credit, the licensee shall obtain a form provided by the department from a department employee present at the meeting and have that employee complete, sign, and date the form. The licensee shall present a valid government-issued photo identification to the department employee for verification. If audited, the licensee shall provide a copy of the form completed, signed, and dated by the	One continuing education hour is granted for each meeting attended.

	department employee who was present at the meeting.	A maximum of 6 continuing education hours are granted for this activity during each renewal period. ***Study Question 6:*** *What does the licensee have to provide in order to receive a continuing education credit for attending a Michigan board of professional engineers meeting?*
(h)	Serving as a school-sponsored mentor to an engineering student in a school-sponsored program. To receive credit, this activity must not be part of the licensee's regular job description. If audited, the licensee shall provide a letter from an authorized official from the school verifying the licensee's role and the number of mentoring hours the licensee provided.	Four continuing education hours are granted for this activity. A maximum of 8 continuing education hours are granted for this activity during each renewal period.
(i)	Participating in a company-sponsored or hosted seminar or training that is designed to enhance professional development in the licensee's area of professional practice. If audited, a licensee shall provide documentation or a certificate of completion issued by the company presenting the seminar or training showing the licensee's name, company name, subject of seminar or training, and the date the seminar or training was held.	One continuing education hour is granted for every 50 minutes of the seminar or training.
(j)	Studying an article related to professional engineering published in a peer-reviewed journal or professional or scientific journal that expands the licensee's knowledge of the professional engineering field. If audited, a licensee shall provide the title and author of the article, publication name of the peer-reviewed journal or professional or scientific journal, and the date, volume, and	Two continuing education hours are granted for each article studied. A maximum of 4 continuing education hours are granted for this activity during each renewal period.

	issue of publication, as applicable, and the date read.	
(k)	Obtaining a patent related to professional engineering. If audited, a licensee shall provide a copy of the patent grant letters showing the licensee as the author of the patent and the date the patent was issued.	Ten continuing education hours are granted for each patent. A maximum of 20 continuing education hours are granted for this activity during each renewal period.

(2) Continuing education hours are not granted for a program or activity that has substantially the same content of a program or activity for which the applicant has already earned continuing education hours during the renewal period.

(3) Not more than 12 continuing education hours may be earned during a 24-hour period.

History: 2013 AACS; 2020 AACS; 2022 AACS; 2023 MR 9, Eff. May 2, 2023.

Appendix A

Answers to Study Questions

Study Question 1:

What happens if the overlapping of the professions of architecture and engineering is involved in a project?

A licensed architect or licensed professional engineer who seals the plans, drawings, specifications, and reports may perform services in the field of the other practice if the services are incidental to the architectural or engineering project as a whole.

Study Question 2:

List the requirements an applicant holding a baccalaureate degree in engineering from outside the United States would need to apply for a license?

- Completed not less than 32 college semester credit hours in the areas of mathematics and basic science.
- Completed not less than 48 college semester credit hours in engineering science or engineering design courses that satisfy the course requirements established under the NCEES Engineering Education Standard.

Study Question 3:

If the applicant achieved a passing score on the NCEES Fundamentals of Engineering examination, what other examinations should be passed to be able to apply to a license?

- The NCEES Principals and Practice of Engineering examination.
- Both parts of the NCEES Structural Engineering examination, known as SE-I and SE-II.

Study Question 4:

Is it appropriate for a licensee to gift a client in order to obtain an engineering job?

No. "A licensee shall not give or offer to give, directly or indirectly, to a client, potential client, the agent of a client, or the agent of a potential client, a commission, contribution, gift, or other valuable consideration to secure or retain engineering work."

Study Question 5:

How many hours of continuing education should be earned in ethics for an applicant to be able to renew their license?

A minimum of 2 hours.

Study Question 6:

What does the licensee have to provide in order to receive a continuing education credit for attending a Michigan board of professional engineers meeting?

To receive credit, the licensee shall obtain a form provided by the department from a department employee present at the meeting and have that employee complete, sign, and date the form.

The licensee shall present a valid government-issued photo identification to the department employee for verification.

Appendix B

References

Michigan State Board of Professional Engineers
https://www.michigan.gov/lara/bureau-list/bpl/occ/prof/engineers

Michigan Occupational Code (Act 299 of 1980)
http://legislature.mi.gov/doc.aspx?mcl-act-299-of-1980

Michigan Administrative Rules
https://ars.apps.lara.state.mi.us/AdminCode/DownloadAdminCodeFile?FileName=R%20339.16001%20to%20R%20339.16044.pdf&ReturnHTML=True