



MICHIGAN STATE UNIVERSITY | INSTITUTE OF PUBLIC UTILITIES Regulatory Research and Education
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CERTIFICATE OF CONTINUING REGULATORY EDUCATION™

IPU's CCRE Program

Are you a lifelong learner in the challenging field of public utility regulation? Effective regulation depends on informed regulators. Your commitment to professional development will now earn you a **Certificate of Continuing Regulatory Education (CCRE)** from the Institute of Public Utilities at Michigan State University (IPU-MSU). The CCRE is available exclusively from IPU-MSU and free of charge to program attendees.

The Certificate provides tangible evidence of your educational efforts. What's more, a certificate demonstrates to current and prospective employers a high level of professional engagement and interdisciplinary education in the principles and practices of economic regulation.

The CCRE program incorporates some of the most popular educational programs currently offered by IPU, including the Annual and Advanced Regulatory Studies Programs, the Ratemaking Course, the Power Grid School, and more. For more experienced regulatory practitioners,

academic coursework, instructional, and research opportunities are available for credit toward additional certificate levels.

There is no cost to enroll in the CCRE program beyond regular program fees and no formal testing requirements. Simply complete and submit an application form.

In recognition of the value of diverse perspectives, credit also will be granted for select programs provided by other qualifying universities and professional organizations. Many of the programs you already attend count toward completion of the certificate.

Two tiers of certificates are offered:

- CCRE I: 240 qualifying credits
- CCRE II: 360 qualifying credits

The number of credits that may be earned is specified for each professional development opportunity. Credits also may be awarded for past participation in IPU and other eligible programs, subject to review and approval.

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CCRE Credit Opportunities

IPU is actively engaged with its educational partners to identify educational opportunities consistent with the goals of the CCRE. All IPU programs and most university-based programs are eligible. Other programs will be reviewed for eligibility by IPU in consultation with the CCRE Advisory Committee.

To be CCRE eligible, a program must be completed in its entirety. Not all programs are eligible for CCRE credits, CCRE credits may be limited for certain programs, and CCRE credits are identical to professional education (CPE) or continuing legal (CLE) credits. Regulatory and other conferences are not eligible for CCRE credit unless sponsored by a professional organization.

Each IPU program syllabus will specify the credits that may be earned toward the CCRE. Credits will be awarded for past participation in eligible programs. The initial list of CCRE credit opportunities are provided in the following table:

	Credits earned	Maximum credits
CCRE I: 240 credits		
IPU Annual Regulatory Studies Program: Fundamentals Course*	40	40
IPU Annual Regulatory Studies Program: Intermediate Course*	40	80
IPU Advanced Regulatory Studies Program*	40	120
IPU Ratemaking Course	30	30
IPU Power Grid School	30	60
IPU Introduction to Regulation (half-day workshop)	4	4
IPU Michigan Forum on Economic Regulatory Policy	8	24
Regulatory Attorneys Annual Meeting	20	40
Regulatory Accountants Semi-Annual Meetings	20	40
Natl. Assoc. of State Utility Consumer Advocates Semi-Annual Meetings	20	40
Society of Utility Regulatory Financial Analysts Annual Meeting	20	40
IPU onsite educational programs	1 credit per hour of instruction	40
Other university-based courses or continuing education programs based on application and approval	1 credit per hour of instruction	120
CCRE II: 360 cumulative (120 additional) credits		
Academic coursework relevant to regulatory practice (per course)	20	60
Instructional activities (e.g., approved training modules)	20	60
Research activities (e.g., peer-reviewed papers and publications)	20	60

*Attendance at both courses of the IPU Annual Regulatory Studies Program as well as the Advanced Regulatory Studies Program is required unless a waiver is granted by IPU. A waiver does not reduce the total number of credits required.



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What Is A Certificate of Continuing Regulatory Education?

Public utility regulation is an intellectually demanding and transdisciplinary field of practice, for which applied post-graduate education, professional development, and networking with peers are regarded as essential. Effective regulation relies on technical and analytical skills, as well as an understanding of structural dynamics and contemporary issues.

A Certificate of Continuing Regulatory Education (CCRE) recognizes the value of sustained commitment of regulatory personnel to continuing education and professional development. The CCRE is not meant to present an obstacle to career advancement or a prerequisite for demonstrating technical competency. Rather, the CCRE is designed to recognize the dedication and efforts of lifelong learners in the regulatory policy community.

The CCRE program incorporates well-known core educational programs currently offered through IPU, including Annual and Advanced Regulatory Studies Programs, the Ratemaking Course, the Power Grid School, and more. For more experienced practitioners, academic coursework, instructional, and research opportunities are also available for credit. IPU is coordinating with other university-based regulatory educational programs and professional organizations.

CCRE ADVISORY COMMITTEE

Drawing from research and education affiliates in the regulatory policy community, the CCRE Advisory Committee serves in a peer-based advisory capacity to IPU-MSU and operates on an academic consensus model. The CCRE Advisory Committee provides ongoing input to IPU regarding program design and opportunities for earning credits. IPU-MSU and the CCRE Advisory Committee will periodically review the evaluation criteria used in granting credits toward certification.

Members of the CCRE Advisory Committee include:

- Dr. Janice A. Beecher, Michigan State University (Chair)
- Dr. David Dismukes, Louisiana State University
- Dr. Douglas Gegax, New Mexico State University
- Dr. Kenneth Rose, Institute of Public Utilities

Additional members may be invited to participate by IPU with the advice and consent of the CCRE Advisory Committee.

More about the CCRE Program

- ▶ Certification is available to all IPU program attendees.
- ▶ There is no additional cost to participate in the CCRE program beyond fees required for participating in recognized programs.
- ▶ IPU will reach out to program attendees to invite them to seek a CCRE.

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- ▶ Certification tiers are based on participation in recognized continuing education programs and additional criteria, as specified.
 - ▶ Certificate recipients will be appropriately recognized at IPU educational events.
 - ▶ Earned credits and certificates will not expire and do not require renewal.
 - ▶ Certification recognizes completion of program requirements but does not warrant proficiency.
 - ▶ The CCRE Advisory Committee will advise IPU regarding certification policies and requirements.
 - ▶ Participation in the certification program by state employees may be subject to state commission or other approval processes. IPU-MSU will provide information to facilitate that process as necessary.

Benefits of Certification

- ▶ Certification will further the goal of continuing professional education in the field of public utility regulation, as well as recognize the cumulative educational efforts and accomplishments of regulatory professionals.
- ▶ Certification builds valuable regulatory knowledge and professional networks.
- ▶ Certification will recognize and complement existing degree and non-degree educational programs.
- ▶ Certification will demonstrate the regulatory professional's commitment to continuing education.
- ▶ Certification will be recognized as an indicator of professional development by both current and prospective employers in the regulatory policy community.
- ▶ Certification will be rigorous and meaningful, and credits may be earned only for programs sponsored or recognized by IPU-MSU for meeting standards for curricula and content.
- ▶ Standards will be established by an IPU-MSU CCRE Advisory Committee and ongoing input from program faculty and senior regulatory professionals.
- ▶ Certification will be provided by the Institute of Public Utilities at Michigan State University, which has long been recognized as an international leader in providing exceptional continuing education opportunities to the regulatory policy community.

Earning Credits

- ▶ Program participation and coursework relevant to the regulatory professions offered by accredited universities and professional organizations will be eligible, subject to review by the CCRE Advisory Committee.
- ▶ Credits for program participation will be earned at the rate of approximately one per hour of instruction.
- ▶ Qualifying IPU programs include the Annual and Advanced Regulatory Studies Programs, the Ratemaking Course, the Power Grid School, and customized programs.

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- ▶ IPU will provide credits toward the CCRE for participation in programs sponsored by other university centers or regulatory professional organizations.
 - ▶ The certification process will be self-directed and self-paced but participants are generally expected to achieve first-tier certification (CCRE I) within a five-year timeframe. Petitions for exceptions will be considered.
 - ▶ Applicants seeking certification may receive credit for attendance at IPU and other programs subject to review and approval by IPU.
 - ▶ Credits may be allowed for repeat attendance at non-basic training programs, as specified (examples of basics programs include the Fundamentals Course and the Ratemaking Course).
 - ▶ Credits may be earned for completing pertinent post-graduate coursework and participating in other qualified educational activities, including teaching and research, upon applicable proof of accomplishment and IPU approval.
 - ▶ Proof of accomplishment will vary with the activity. For courses taken, a transcript, certificate, or letter will be required. For courses taught, a syllabus and institutional attestation will be required. A published article in a peer-reviewed journal also will be accepted.
 - ▶ IPU will continue to provide program participation certificates, as well as arrange continuing education credits for attorneys, accountants, and other regulatory professionals.

Frequently Asked Questions (FAQs)

- ▶ *What is the Certificate of Continuing Regulatory Education (CCRE)?* The CCRE is designed to recognize the dedication and efforts of lifelong learners. Public utility regulation is an intellectually demanding and transdisciplinary field of practice. Applied post-graduate education, professional development, and networking with peers are regarded as essential. Effective regulation relies fundamentally on technical and analytical skills, as well as an understanding of structural dynamics and contemporary issues.
- ▶ *Why is IPU offering a Certificate of Continuing Regulatory Education (CCRE)?* IPU designed the CCRE program to recognize the sustained commitment of regulatory personnel to their continuing education and professional development. IPU's sponsorship of the CCRE is in keeping with our mission as well as the growing interest in certification as a complement to traditional academic degree programs.
- ▶ *Is CCRE for me?* If you regularly attend professional education programs related to regulation, a CCRE will give you an added credential that you have earned but at no additional cost to you.
- ▶ *Is there a fee to enroll?* There is no cost to enroll in the CCRE beyond regular program fees and many of the programs you already attend count toward completion of the certificate. IPU generally does not charge additional fees for other types of continuing education credits (CLEs and CPEs).
- ▶ *Do I have to complete an application form?* An application form is available for you to record credits from both IPU and non-IPU programs. Proof of program participation may be required.

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- ▶ *What is the difference between the different certificate tiers?* The certificate tiers recognize continued achievement based on the cumulative number of credits earned over time. Earning a CCRE I is a prerequisite to earning a CCRE II. Credits for the CCRE I are based on participation in educational programs. Credits for the CCRE II are based on additional forms of academic engagement (teaching and research).
 - ▶ *How are educational credits earned?* Each program syllabus specifies the number of credits that will be earned toward the CCRE I. Credits also will be awarded for past participation (since 2008) in eligible programs.
 - ▶ *How do I know which programs are eligible for CCRE I credits?* IPU identifies programs that are eligible for CCRE I credits. In general, all IPU programs and most university-based programs are eligible. Programs sponsored by professional staff subcommittees of NARUC are also eligible. Other programs may be reviewed for eligibility by IPU in consultation with the CCRE Advisory Committee. However, meetings and conferences sponsored by NARUC and utility industry organizations are ineligible.
 - ▶ *Can I get credits for non-IPU programs?* Generally yes, as long as they have an educational focus. Please fax or email to IPU a certificate of attendance or a letter confirming your attendance from the sponsoring organization. Programs will be reviewed for eligibility by IPU in consultation with the CCRE Advisory Committee.
 - ▶ *Will I need to take a test?* The certification program does not include additional formal testing. However, some programs may include some form of knowledge evaluation or self-evaluation (self-testing) in keeping with the educational purposes of the CCRE.
 - ▶ *Does my previous academic work count toward additional credits?* Academic work completed prior to employment generally will not be considered.
 - ▶ *What types of academic coursework count toward credits?* Academic coursework should be directly related to regulatory practice with consideration of the broad range of interdisciplinary skills demanded by the field. Examples include graduate-level course related to economics, public policy, accounting, finance, or law. Credit will be granted on a case-by-case basis upon application to IPU.
 - ▶ *What types of peer-reviewed papers and publications are acceptable?* A wide variety of publications across different disciplines will be considered. An emphasis on applied research is expected and encouraged.
 - ▶ *What are examples of instructional activities?* Instructional activities include major teaching responsibility for a university course or outreach program, subject to review and approval by the CCRE Advisory Committee of an application for credit.
 - ▶ *How much of the instructional or research activity must deal with regulation?* Both instructional and research activities should have a substantial focus on economic regulation or public utility policy.

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- ▶ *Will I still be able to earn continuing education credits in addition to CCRE?* Yes. The CCRE is offered in addition to continuing education credits (CLE, CPE, and others) offered through IPU and other programs to attorneys, accountants, and other professionals through applicable certifying organizations.
 - ▶ *Will I be able to complete the requirements given the demands of my job?* The CCRE program is designed to be inclusive and responsive to the needs of busy regulatory professionals. Program requirements are meant to reflect a substantial but achievable level of effort on the part of participants.
 - ▶ *Can I receive assistance to participate in educational programs?* As a non-profit unit of MSU, IPU does not offer assistance to attend programs. Affiliate and group discounts are offered and fee waivers are available in cases of extreme hardship. Special stipends may be available at times from professional associations.
 - ▶ *Will I be able to earn credits online?* Credit will be offered for approved online educational programs offered by the university-based centers. Online programs must have substantial educational content.
 - ▶ *Will my certificate expire?* Certificates are dated when they are earned. Earned credits and certificates do not expire and there are no requirements to maintain or renew them. Keep in mind, however, that participants are generally expected to achieve first-tier certification (CCRE I) within a five-year timeframe beginning in calendar year 2014. Petitions for exceptions will be considered.
 - ▶ *How do I apply for credits based on my participation in other programs or coursework?* IPU provides a credit application form. Credits will be awarded case-by-case, based on the criteria specified for eligibility and proof of participation.
 - ▶ *Is CCRE endorsed by NARUC?* Although the CCRE program is intended to benefit the commissioners and professional staff of state and federal regulatory agencies, it is operated independently of the National Association of Regulatory Utility Commissioners (NARUC) and its affiliates.

ABOUT THE INSTITUTE

The Institute of Public Utilities (IPU) supports informed, effective, and efficient regulation of the infrastructure-intensive network industries providing essential electricity, natural gas, water, and internet services. IPU was established in 1965 and operates as a self-sustaining unit within the College of Social Science at Michigan State University, the nation's pioneer land-grant institution. We are located on MSU's beautiful East Lansing campus and collaborate with faculty and researchers from various academic colleges, departments, and centers.

IPU specializes in conducting applied research and providing exceptional learning and networking opportunities to professionals in the utility policy community. IPU's neutral analytical and instructional practice is informed by a broad array of traditional and applied disciplines including economics, political science, law, accounting, finance, and engineering. IPU's educational forums sharpen the skills needed to address today's

most salient challenges of infrastructure governance, including the integration of markets and economic regulation.

IPU is devoted to the ideals of regulatory independence and technical capacity. IPU's diverse program faculty includes nationally recognized university educators and expert practitioners known for their insight, experience, and teaching ability. Program participation is typically eligible for continuing education credits and can lead to a Certificate of Continuing Regulatory Education (CCRE).

If you are interested in enrolling in the CCRE program or have questions, please contact the Institute at ipu@msu.edu or 517.355.1876. Revised 11/20/18.



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