

# POWER CONVERSION AND CONTROL, CAPSTONE CERTIFICATE

## HOW TO GET IN

### APPLICANT REQUIREMENTS

- **A B.S. degree** from a program accredited by the Accreditation Board for Engineering and Technology (ABET) or the equivalent.\* A B.S. in electrical engineering is recommended. Students who do not have a B.S.E.E. need to have completed fundamental coursework in electrical engineering including circuit theory, fourier analysis, AC circuit analysis using complex impedances, transfer function analysis and evaluation including Bode plots, transformer equivalent circuits, piecewise continuous analysis of nonlinear circuits, and magnetic theory.
- **A minimum undergraduate grade-point average (GPA) of 3.00** on the equivalent of the last 60 semester hours (approximately two years of work) or a master's degree with a minimum cumulative GPA of 3.00. Applicants from an international institution must have a strong academic performance comparable to a 3.00 for an undergraduate or master's degree. All GPAs are based on a 4.00 scale.
- **Applicants whose native language is not English** must provide scores from the Test of English as a Foreign Language (TOEFL). The minimum acceptable score on the TOEFL is 580 on the written version, 243 on the computer version, or 92 on the Internet version.

\*Equivalency to an ABET-accredited program: Applicants who do not have bachelor's degree from an ABET accredited program may also qualify for admission to the program. Such applicants must have a B.S. in science, technology, or a related field with sufficient coursework and professional experience to demonstrate proficiency in engineering practice.

### ADMISSION

**Applications are accepted for admission for all three terms (fall, spring, and summer), but admission deadlines must be met.** The admissions process has been designed to conduct a holistic review of likely success in the program. Decisions are based on academic and professional background. **See the** program's website for current dates and information regarding selection of students (<https://interpro.wisc.edu/online-degrees/power-conversion-and-control-certificate/>).

Note: Adult Career and Special Student Services (ACSSS) is the admitting office for all University Special students. However, the department offering the Capstone Certificate program makes the final admission decision upon review of all applicant materials.

### APPLICATION STEPS

1. Email the graduate admissions staff stating your intent to apply to the Power Conversion and Control capstone certificate program. Attach a current resume or CV to the Intent to Apply email: [gradadmissions@interpro.wisc.edu](mailto:gradadmissions@interpro.wisc.edu).

Your resume/CV should include at least:

- Educational history (including GPA, awards and honors received).
- Professional work experience (including specific details on your engineering experience, technical training, and responsibilities).

2. Submit an online application for admission (<http://continuingstudies.wisc.edu/advising/apply.htm>) as a University Special student, selecting UNCS Capstone Certificate and the program: Power Conversion and Control. This application is received and processed by ACSSS with final decision held for approval from the specific capstone certificate coordinator.

3. Following steps outlined by the program (<https://interpro.wisc.edu/online-degrees/power-conversion-and-control-certificate/how-to-apply-pcccc/>), request transcripts of all previous college work and two letters of recommendation. For the two (2) letters of recommendation, use the Download Recommendation Form (<https://uwmadison.box.com/s/104t5ce1rvo4qacsbepelqlwhdlsakw/>). The recommenders should send the statement directly to [gradadmissions@interpro.wisc.edu](mailto:gradadmissions@interpro.wisc.edu). At least one letter should be from your current or previous direct supervisor. Academic references are acceptable for applicants who have been out of school less than five years.

### ENROLLMENT

After a decision has been made, the admissions committee chair will contact applicants by email to inform of the decision.

Admitted students receive a formal letter of admission to UW–Madison from Adult Career and Special Student Services along with general enrollment information. Additional detail is provided on the ACSSS enrollment page (<http://continuingstudies.wisc.edu/advising/enroll-special.htm>).