

POWER CONVERSION AND CONTROL, CAPSTONE CERTIFICATE

REQUIREMENTS

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GRADE REQUIREMENTS

- Students must complete all courses with a minimum GPA of 2.00 to continue to the next class.

REQUIRED COURSES

Students must complete 9 credits from the curriculum below.

Code	Title	Credits
E C E 411	Introduction to Electric Drive Systems	3
E C E 412	Power Electronic Circuits	3
E C E 427	Electric Power Systems	3
E C E 504	Electric Machine & Drive System Laboratory	3
E C E 511	Theory and Control of Synchronous Machines	3
E C E 512	Power Electronics Laboratory	3
E C E 711	Dynamics and Control of AC Drives	3
E C E 712	Solid State Power Conversion	3
E C E/M E 732	Dynamics of Controlled Systems	3
M E 446	Introduction to Feedback Control	3

MINIMUM REQUIREMENTS FOR CAPSTONE CERTIFICATE COMPLETION

- Students must earn a minimum grade of C in each course used to meet Capstone Certificate requirements.
- Courses in which a student elects the pass/fail or audit option will not count toward completion of Capstone Certificate requirements.
- All of the Capstone Certificate credits must be earned "in residence" (which includes on campus and distance-delivered courses) at UW-Madison.
- All of the Capstone Certificate credits must be earned while enrolled in the Capstone Certificate program.

Individual Capstone Certificate programs may have additional requirements for completion, which will be listed above as/if applicable.