

STANDING COMMITTEES

Academic and Student Affairs Committee

Establishing the Graduate Certificate in Electrical Engineering Foundations
(School of Science, Technology, Engineering & Mathematics, Division of
Engineering & Mathematics, UW Bothell)

RECOMMENDED ACTION

It is the recommendation of the administration and the Academic and Student Affairs Committee that the Board of Regents grant authority to the Graduate Faculty of the UW Bothell School of Science, Technology, Engineering & Mathematics (STEM), Division of Engineering & Mathematics, to offer the Graduate Certificate in Electrical Engineering Foundations, effective Autumn Quarter 2017. This will be a fee-based program offered in coordination with UW Professional & Continuing Education. The graduate certificate program will have provisional status with a review to be scheduled for the 2022-2023 academic year. At such time that continuing status is granted, a ten-year review cycle would begin.

BACKGROUND

In November 2015, the Graduate School received notification of intent to plan the Graduate Certificate in Electrical Engineering Foundations from the School of Science, Technology, Engineering & Mathematics (STEM), Division of Engineering & Mathematics. After tri-campus stakeholder comment, the faculty developed a full proposal that was reviewed and approved by the Graduate Faculty of the Division of Engineering & Mathematics. On October 18, 2016, the UW Bothell General Faculty Organization Executive Council endorsed the Graduate Certificate in Electrical Engineering Foundations and recommended it be forwarded to the Graduate School for approval. The final proposal was submitted to the Graduate School in November 2016.

The curriculum of the graduate certificate is designed to cover critical knowledge from an ABET-approved Bachelor of Science in Electrical Engineering core curriculum, yet at a pace and intensity that is reflective of, and appropriate for, a graduate-level education. It is expected that applicants to the graduate certificate will bring with them a set of core technical skills that will enable them to be successful in an electrical engineering graduate program.

The graduate certificate is intended primarily as a mechanism for graduate non-matriculated students with degrees outside electrical engineering, such as other engineering degrees, mathematics, chemistry, or physics, to prepare for success in

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an electrical engineering graduate degree program at UW Bothell or another institution.

The certificate will be offered as a self-sustaining program in collaboration with UW Professional & Continuing Education.

The Dean of the School of Science, Technology, Engineering & Mathematics, the Vice Provost and Dean of the Graduate School, and the Provost have reviewed and approved the recommendation to approve the Graduate Certificate in Electrical Engineering Foundations.

Attachment

New Graduate Certificate Proposal – UW Bothell

New Graduate Certificate Proposal – UW Bothell

