

December 2, 2019

Dear Faculty Senate Committee,

The College of Engineering strongly supports the creation of an interdisciplinary graduate certificate in Computer Science Education to be jointly offered by the School of Education and the Department of Computer and Information Sciences through the new Graduate School. We believe that such a graduate certificate providing professional development for computer science teachers with courses in both computer science and educational pedagogy can serve as a key vehicle for broadening participation in computing and meeting the state's goals in computing in K-12 education, through strong preparation of K-12 teachers. This initiative will help us meet our goals of equity and diversity in computing and engineering education as well as provide computing backgrounds for potential students who can be prepared to help University of Delaware address grand challenges in engineering related to energy, health, and cybersecurity.

The College of Engineering is a strong supporter and partner in the development and implementation of this interdisciplinary graduate certificate.

Regards,



Jill Higginson
Associate Dean of Graduate and Post Graduate Education, College of Engineering
Professor, Mechanical & Biomedical Engineering
University of Delaware
102K DuPont Hall
Newark, DE 19716
Office Telephone: (302) 831-6622