

M e m o r a n d u m

To: University Senate
From: Maria N. Miriti, Chair, Council on Academic Affairs
Subject: Ph.D. in Engineering Education Degree Program
Date: January 8, 2018

A PROPOSAL FROM THE COUNCIL ON ACADEMIC AFFAIRS TO ESTABLISH A DOCTOR OF PHILOSOPHY IN ENGINEERING EDUCATION DEGREE PROGRAM, COLLEGE OF ENGINEERING

- Whereas the program will lead to the terminal degree for the new Department of Engineering Education – an entry level, interdisciplinary research program that combines the disciplines of engineering and education;
- Whereas among the goals of the program are that the successful graduate will be able to: identify, discuss, and address critical issues facing engineering education in alignment with stakeholder needs; design, conduct, and critique research in engineering education; and create, teach, and assess courses and curricula in engineering; and
- Whereas the curriculum includes core courses, research methods courses, specialization electives, and traditional engineering course work, along with dissertation research; and employment opportunities for graduates exist in colleges and universities, foundations, non-profit organizations; and
- Whereas no similar programs exist within Ohio and this one aligns clearly with both the research and land grant missions of this university; and
- Whereas the program: will be administered by the Department of Engineering Education through a Graduate Studies Committee; is a part of the strategic planning of that Department; has the resources, both current and planned, to be established and maintained; and has the support of the leadership of the College of Engineering; and
- Whereas the proposal was thoroughly reviewed by a joint committee of the Council on Academic Affairs and the Graduate Council, and then was approved by the full Council on Academic Affairs at its meeting on November 1, 2017;

Therefore be it resolved that the University Senate approve the proposal to establish a Doctor of Philosophy in Engineering Education degree program and respectfully request approval by the Board of Trustees.