

**STATE UNIVERSITY SYSTEM OF FLORIDA
BOARD OF GOVERNORS**

June 13, 2019

SUBJECT: Ph.D. in Engineering and Computing Education, CIP 14.9999, Florida International University

PROPOSED BOARD ACTION

Consider approval of the Ph.D. in Engineering and Computing Education, CIP 14.9999, at Florida International University

AUTHORITY FOR BOARD OF GOVERNORS ACTION

Article IX, Section 7, Florida Constitution; Board of Governors Regulation 8.011

BACKGROUND INFORMATION

Florida International University (FIU) is proposing to establish a Ph.D. in Engineering and Computing Education. The program will consist of a total of 75 credit hours, including course work required to pass the qualifying and oral exams, as well as additional course work approved by the dissertation advisor, research credits, and dissertation credit hours. The program will be delivered in-person on the main campus.

The university will charge the institution's current approved graduate rate of tuition of \$379.95 per credit hour for in-state students and \$900.00 per credit hour for out-of-state students. Total fees for residents will be \$75.69 per credit hour while non-residents will be charged \$101.69 per credit hour. The university does not intend to operate this program through continuing education on a cost recovery basis, seek approval for market-rate tuition, or establish differentiated graduate-level tuition.

The purpose of the program is to prepare students to serve as faculty members in engineering or other programs; research scientists in academia, government, and industry; instructional designers at universities or in industry; and more. If approved, this would be the first engineering education Ph.D. degree program in Florida and the first computing education Ph.D. degree in the nation. The program includes a required pedagogical methods course and a teaching practicum course with a substantial teaching assignment. The proposed CIP code is 14.9999. This CIP is an identified Program of Strategic Emphasis under the Science, Technology, Engineering, and Mathematics area.

The FIU Board of Trustees approved the program on March 4, 2019. If approved by the

Board of Governors, FIU will implement the program effective Fall 2020.

Supporting Documentation Included:

Information located in the Academic and Student Affairs Committee materials