

Office of the Provost and Executive Vice President

March 26, 2013

Lynda A. Page Associate Director, Academic and Student Affairs Board of Governors State University System of Florida 325 W. Gaines Street, Suite 1614 Tallahassee, FL 32399

Dear Ms. Page:

In accordance with Board of Governors' Regulation 6C-8.014, the University of Central Florida requests approval for the Bachelor of Science in Photonic Science and Engineering at 128 credit hours, exceeding the 120 credit hour limit.

To be a viable engineering program, this program needs to become accredited by ABET (formerly known as the Accreditation Board for Engineering and Technology). All currently accredited engineering programs at the University of Central Florida are 128 credit hours, with very few elective hours even within the disciplines. ABET requires engineering programs to include at least four semesters of calculus, laboratory-based courses in the natural sciences, and a culminating design experience.

Furthermore, this is a unique program that offers students both a theoretical and hands-on education in a specialized discipline. Five of the six core courses have a laboratory component coordinated with the lectures, and there is a two-semester sequence of design courses as the capstone design experience. This program will be the only undergraduate degree in optics and photonics within the State of Florida.

Sincerely,

Tony G. Waldrop, Ph.D. Provost and Executive Vice President Professor of Biomedical Sciences

c: Dr. Jan M. Ignash Vice Chancellor for Academic and Student Affairs

Academic Affairs P.O. Box 160065 • Orlando, FL 32816-0065 • (407) 823-2302 • FAX (407) 823-5407