

Memo: ECE Undergraduate Electives Committee

October 18th, 2024

Proposal for new course: EE 4XX/5XX: Electronic-Photonic Integrated Systems

Justification

For the past for years, Professor Sajjad Moazeni has offered his course *Electronic-Photonic Integrated Systems* as a special topics course under the heavily used EE 538: Topics in Electronic Circuit Design course number. With consistent enrollment of 6 to 14 graduate students enrolling in the course each year, Professor Moazeni proposes the course be added as a permanent offering in the course catalog. The course has been approved by the ECE Graduate Programs Curriculum Committee.

In addition to the graduate offering, Professor Moazeni proposes the addition of a parallel undergraduate offering to allow undergraduate students the opportunity to take the course.