

Micro/Nano Revolution

Last Updated: Tue, 03/17/2026

Course prefix: COE

Course number: 3002

Section: HP

CRN

92096

Instructor first name: John

Instructor last name: Cressler

Semester: Fall

Academic year: 2026

Course description:

Introduction to microelectronics and nanotechnology: the communications revolution, Moore's law, semiconductors, transistors, MEMS, photonics, analysis of common technological objects, global impact on technology and society.

Academic honesty/integrity statement:

Students are expected to maintain the highest standards of academic integrity. All work submitted must be original and properly cited. Plagiarism, cheating, or any form of academic dishonesty will result in immediate consequences as outlined in the university's academic integrity policy.