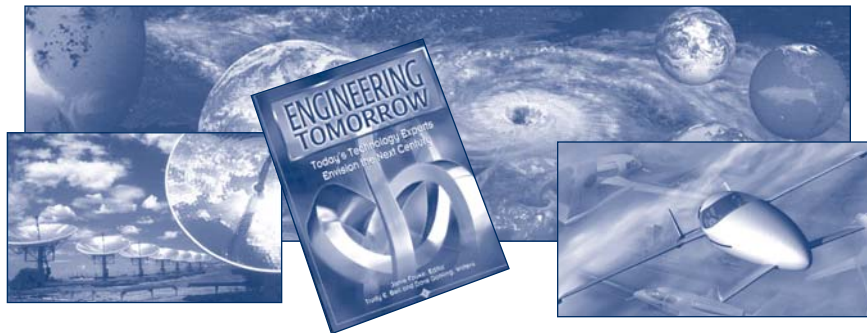


EECS 830: Societal Impact on Microsystems

Credits: 2

Prerequisite: Undergraduate courses in physics and math



The course examines a number of important issues facing society and the roles that microsystems can play in their solution. The course also reviews the impact of electronics on our present society and the lives of some of its key pioneers. Students will get a feeling for past challenges, for the pioneers that helped address them, and for the future challenges that they themselves will address.



Instructor:

Kensall D. Wise received the BSEE degree from Purdue University, West Lafayette, Indiana, in 1963, and the MSEE and PhD degrees in electrical engineering from Stanford University, Stanford, California, in 1964 and 1969, respectively. From 1963 to 1965, and from 1972 to 1974, he was a member of the technical staff at Bell Telephone Laboratories. In 1974, he joined the University of Michigan, where he is now the William Gould Dow Distinguished University Professor of Electrical Engineering and Computer Science, the J. Reid and Polly Anderson Professor of Manufacturing Technology, and Professor of Biomedical Engineering. He is a Fellow of the IEEE and the AIMBE and a member of the United States National Academy of Engineering.