New Course Announcement

Environment, Technology & Society

252-3615-00L

Technology and sustainability are deeply intertwined. This course examines the role of technology in both causing and mitigating environmental problems. The course will examine, question, and deconstruct how we build and use technology and explore new options and opportunities.

Environment

The Economics of Environmental Actions
Life Cycle Assessment and Environmental Footprints
Key Topics: Water, Food, Waste, and Energy

Technology

Web 2.0 and Mashups: Sharing data with the crowd
Building energy use: Sensing, feedback, and automation
Sensing through people: Citizen Science and the environment
Information Visualization: Making sensed data actionable
Persuasive Technology and Captology
ICTs and direct impacts: E-Waste and the design of Long-Living Technology
ICTs and indirect impacts: Points of engagement

People

Human Behavior and the Environment
Social Commentary through Environmental Art
Environmental Activism vs. Environmental Action