Technological, Social, and Sustainable Systems – CEE 181

OVERVIEW

Explore how social, technological, and sustainable systems are interacting to create the modern world.

ABOUT THE COURSE

Understand the impact of technology on sustainability and society, using relevant historical examples and current issues in the news, and gain insight on the cultural frameworks within which ideas such as sustainability and different technologies are understood and evolve. You’ll also explore emerging technologies from the Industrial Revolution through present day, leading to a future that will be complex and challenging, and in many ways look like science fiction.

WHAT YOU WILL LEARN

- The importance of technology and technological systems in shaping the world and our future
• What issues face technologies companies today and how you might prepare for a career with a tech organization
• The social and environmental implications of design and management of technology systems
• How to identify and explain critical principles of complexity and complex systems
• How art and literature guide technological evolution
• The economic, environmental, and cultural issues arising from emerging technologies

This is a three credit hour course that counts toward the Humanities, Arts and Design (HU) General Studies requirement at Arizona State University. It is strongly encouraged that you consult with your institution of choice to determine how these credits will be applied to their degree requirements prior to transferring the credit.