



Science, Technology and Society

2016 Fall Course Offerings

Director: Professor Steve Cutcliffe

Declaration forms are available in the Office of Interdisciplinary Programs: 31 Williams Hall, Suite 101
For more information visit STS website sts.cas2.lehigh.edu

CORE COURSES

STS 011-10 Technology and Human Values CRN 40340 (SS) 4 credits

Impact of technology on society in relation to ethical problems raised by the exploitation of technological innovations. Illustrations from history, social studies, philosophy, literature, and film. **Professor Best**
T, R; 10:45 - 12:00 p.m.

POLS 115-10 Technology As Politics CRN 43686 (SS) 4 credits

Relationship of technology and technological change with politics and public policy. Review of theories of political significance of technology, including technological determinism, technology assessment, technological progress and appropriate technology. Specific issues in technology with emphasis on U.S. **Professor Wurth**
T, R; 9:20 - 10:35 a.m.

STS 381-10 Senior Seminar CRN 40341 (SS) 4 credits

In-depth study of selected topics in science, technology, and society with special attention to methodological issues. Subject matter may vary from semester to semester. Intended for STS majors and minors, but open to others. Prerequisite: STS 11 or consent of program director. *Instructor permission required.* **Professor Cutcliffe**

ELECTIVE COURSES

STS, WGSS, HIST 117-010 Women in Science, Medicine and Engineering CRN 43988 (SS) *CBE Diversity* 4 credits

This course analyses the careers of professional women in science, medicine and engineering, principally in the United States. It examines historical barriers to training and entry into these professions; cultural stereotypes that shape women's options; women's participation in innovation in their fields; their concern for work/life balance; and their contribution to clients and patients, both male and female. It focuses on three locations of professional work: the laboratory, the clinic, and the job site. **Professor Cooper**
M, W; 11:10-12:25 p.m.

JOUR, ES 125-10 Environment, the Public and the Mass Media CRN 41821 (SS) *(Writing Intensive)* 4 credits

Extensive exploration of local, national and international environmental problems and their social, political and economic impacts. Analysis of mass media coverage of complex environmental issues and the media's effects on public opinion and government environmental policies. Examination of environmental journalism principles and practices in the United States and around the world. *Instructor permission required* **Professor Friedman**
T, R; 1:10 - 2:25 p.m.

HMS, SOC 160-10 Medicine and Society CRN 41714 (SS) 4 credits

Sociological perspectives on health, illness, and medical care. Focus on social epidemiology, social psychology of illness, socialization of health professionals, patient-professional relationships, medical care organization and policies. *STS students should contact instructor for permission.* **Professor Lasker**
T, R; 9:20 - 10:35 p.m.

STS 181-10 Independent Study CRN 40487 (HU, SS) 1-4 credits

Prerequisite: consent of the program director. *Instructor permission required.* **Professor Cutcliffe**

STS 181-11 Independent Study CRN 42565 (HU, SS) 1-4 credits

Prerequisite: consent of the program director. *Instructor permission required.* **Professor Best**

REL 187-10 Science, Technology, and the Religious Imagination CRN 43764 (HU) 4 credits

Impact of the scientific and technological culture on the Western religious imagination. Roots of science and technology in religious ideas and images. Ways of knowing and concepts of experience in religion and science. **Professor Raposa**
M, W; 11:10 - 12:25 p.m.

ARCH 210-10 20th Century Architecture CRN 43899 (HU) 4 credits

History and theories of modern and contemporary architecture. Analysis of buildings, architects, theories and manifestos from the early 20th century to the present. **Professor Jung**

T, R; 9:20 - 10:35 a.m .

STS, CSE, EMC 252-10 Computers, the Internet, and Society CRN 40781 (SS) 3 credits

An interactive exploration of the current and future role of computers, the Internet, and related technologies in changing the standard of living, work environments, society and its ethical values. Privacy, security, depersonalization, responsibility, and professional ethics; the role of computer and Internet technologies in changing education, business modalities, collaboration mechanisms, and everyday life. **Professor Crane**

T, R; 2:35 - 3:50 p.m.

STS 391-10 Honors Thesis CRN 41260 1 credit

Preparation for honors research thesis (STS 392). Identification of topic, preliminary compilation of source materials, and preparation of a proposal. *Instructor Permission Required* **Professor Cutcliffe**

2016 Summer Course Offerings

STS, HIST 145-10 Introduction to the History of Science CRN 21108 (SS) 4 credits

The history of modern science, primarily physical and biological, with emphasis on the development of major theoretical models since the seventeenth century. **Professor Goldman**

Summer session Summer 2 - On-line

STS, CSE, EMC 252-10 Computers, the Internet, and Society CRN 21474 (SS) 3 credits

An interactive exploration of the current and future role of computers, the Internet, and related technologies in changing the standard of living, work environments, society and its ethical values. Privacy, security, depersonalization, responsibility, and professional ethics; the role of computer and Internet technologies in changing education, business modalities, collaboration mechanisms, and everyday life. **Professor Kalafut**

May 25 – June 25 – On-line