

Department of Humanities and Social Sciences

Course Profile

Course Number : STS 311	Course Title : Contemporary Art, Science and Technology
Required / Elective: Elective	Pre / Co-requisites : -
Catalog Description: Contemporary artworks, scientific and technological events will be critically discussed in the class by way of visuals and theoretical reading materials.	Textbook / Required Material : Various readings, assembled in a course pack.

Course Structure / Schedule : (3+0+0) 3 / 5 ECTS

Extended Description : As the arts become more and more integrated with technologies of design and simulation, and those technologies, in turn, are products of scientific advances, the boundary lines between art, science, and technology have become increasingly harder to define. Moreover, the arts not only have aesthetic and entertainment values but are also used in the service of political agendas, thereby also implicitly politicizing science and technology as they shape the arts. This course is an in-depth examination of the changing relationships between the arts, science, and technology. It begins with an overview of the history of the arts and how they have become increasingly shaped by new technologies. It then discusses key conceptual issues related to the topic, using illustrations from the contemporary arts world. Finally, the course focuses on current trends that are shaping new connections between art, technology, and science.

Course Outline:

Week	Topics
1	Introduction
2	Key Concepts
3	Key Concepts (cont.)
4	Exploring modernity and the distinction among science, technology and art
5	Exploring postmodernity and the interaction of science, technology and art
6	The use-value of art, science and technology in modern societies
7	Field trip - Contemporary Art Exhibition
8	Contemporary Art as Knowledge
9	Contemporary Art as Research
10	"Sci-Art": Exhibition and Experiment
11	Contemporary Researchers: Collaboration of Science, Technology and Art
12	Popularization of Science and Technology through Contemporary Art
13	The museum as a Contemporary Site of Research: Innovative Functions of Contemporary Museums
14	Final Exam

Design content : none

Computer usage: No particular computer usage required

Course Outcomes:

	Program Outcomes	*Level of Contribution				
		1	2	3	4	5
1	Apply analytical and critical thinking skills to contemporary global issues.				*	
2	Describe the interrelationships between science, technology, and society.				*	
3	Describe the interrelationships between art, culture, and society.					*
4	Explain the historical, political and economic conditions in which science and technology emerge.					*
5	Explain the historical, political and material conditions in which art and cultural expression emerge.					*
6	Analyze how modes of thought are shaped by socio-cultural, historical, political and economic variables.			*		
7	Apply discipline-relevant methods to HSS research assignments.				*	
8	Summarize and assess current developments in their subject area.				*	
9	Recognize ethical issues and social responsibilities in the contemporary world.	*				
10	Synthesize complex ideas in clear and concise ways.					*
11	Generate creative solutions to local and/or global problems.					*
12	Recognize relevance of coursework to personal experiences, lifelong learning, and job security.					*
13	Demonstrate an ability to function on teams.					*
14	Demonstrate an ability to communicate effectively with written, oral and visual means.					*

Recommended reading : -

Teaching methods : Lectures, class discussion, video clips, slides

Assessment methods : Attendance / Contribution to Discussions / Class Participation (%30)
 Presentation (%30)
 Final Exam (%40)

Student workload:

Reading 56 hrs
Lectures 33 hrs
Class discussion5 hrs
Presentations 25 hrs
Examinations6 hrs

TOTAL125 hrs . . . to match 25 X 5 ECTS

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