Department of Humanities and Social Sciences

Course Profile

Course Number :**STS 322**	Course Title :**Communication of Science and Technology**
Required / Elective : Elective	Pre / Co-requisites : -
Catalog Description:This course will focus on the communication of science and technology.	Textbook / Required Material:

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

Extended Description : This course will focus on the communication of science and technology. Regular attendance is obligatory for this course. Students are responsible for reading and thinking about the assigned materials before coming to class, ask specific questions and make criticisms in class discussions. Students will be highly encouraged to express their thoughts and criticisms in which they present their learning outcomes in a creative form. There will be a synthetic project in which students are expected to attempt a synthesis of the class discussions along with the relevant readings by formulating a critical essay (1000 words). There will also be a mid-term paper and a comprehensive final exam.

Course Outline:

Week	Topics
1	Introduction
2	Principles of Modernity
3	Dominant Notion of "Society" in The Making of Science and Technology
4	The "Society" and "Social" in Question
5	Science and The Media
6	General Discussion – "Project"
7	How does science and technology represented to the public?
8	Public Understanding of Science and Technology
9	Mid-term Paper
10	Science and Technology in The Media
11	Misunderstanding, Ignoring and Reconstructing Science and Technology
12	Technocsience and The Making of Society in Everyday Life
13	Society as Communication?: Electronic Tribes 1
14	Society as Communication?: Electronic Tribes 2

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 : Class participation: Pre-class readings, lecture and class discussions, individual readings and team work for presentation.

Assessment methods : Attendance / Class Participation %20

Project %20

Midterm Examination %20

Final Project %40

Student workload:

Reading .... 56 hrs

Lectures .... 33 hrs

Class Discussion .... 5 hrs

Project .... 15 hrs

Presentation .... 10 hrs

Examinations .... 6 hrs

TOTAL ……………………………   **125 hrs . . . to match 25 X 5 ECTS**

Course Category:

ISCED General Area Codes	General Areas	ISCED Basic Area Codes	Basic Educational Areas	Percentage
1	Education	14	Teacher Training and Educational Sciences	
2	Humanities and Art	21	Art	
2	Humanities and Art	22	Humanities	
3	Social Sciences, Management and Law	31	Social and Behavioral Sciences	60
3	Social Sciences, Management and Law	32	Journalism and Informatics	20
3	Social Sciences, Management and Law	38	Law	
4	Science	42	Life Sciences	10
4	Science	44	Natural Sciences	10
4	Science	46	Mathematics and Statistics	
4	Science	48	Computer	
5	Engineering, Manufacturing and Civil	52	Engineering	
5	Engineering, Manufacturing and Civil	54	Manufacturing and Processing	
5	Engineering, Manufacturing and	58	Architecture and Structure	

	Civil			
6	Agriculture	62	Agriculture, Forestry, Livestock, Fishery	
6	Agriculture	64	Veterinary	
7	Medicine and Welfare	72	Medical	
7	Medicine and Welfare	76	Social Services	
8	Service	81	Personal Services	
8	Service	84	Transport Services	
8	Service	85	Environment Protection	
8	Service	86	Security Services	
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