

Content

Course Code	Course Name	Semester	Theory	Practice	Lab	Credit	ECTS
COM125	History of Science and Technology 1	2	0	0	2	3	
Prerequisites							
Admission Requirements							
Language of Instruction							
French							
Course Type							
Elective							
Course Level							
Bachelor Degree							
Objective							
Have an overview of the history of science and technology, particularly applied to communication.							
The course consists of three parts:							
1. The scientific spirit. Definition of science, techniques and technology. Exploration of the scientific approach and overview of scientific research methods.							
2. General history of science, from prehistory to the twenty-first century. From the birth of science to the most recent developments, a social history of science that links the major discoveries in their historical and social contexts.							
3. Science and technology of communication. Birth of the concept of modern communications and the main currents of thought (direct and indirect effects of media, utopias of communication, critical and sociological approaches).							
Conner Clifford D., 2011 (2005). Histoire populaire des sciences, Montreuil : L'Échappée.							
Flichy Patrice, 1997 (1991). Une histoire de la communication moderne. Espace public et vie privée, Paris : La Découverte.							
References							
Mattelart Armand, 1997 (1994). L'Invention de la communication, Paris : La Découverte.							
Mondoux André, 2011. Histoire sociale des technologies numériques. De 1945 à nos jours. Québec : Éditions Nota Bene.							

Theory Topics

Week	Weekly Contents
1	Introduction. Technics and sciences applied to communication
2	Book history. From volumes to screens
3	Telegraph and politics
4	Telegraph and traders
5	Telephone. History of remote conversation
6	Radio. War and mass communication
7	Photography. Aesthetics of proof
8	Midterm
9	History of networks. Transoceanic cables
10	Internet. Raise of the network
11	Internet. Internationalisation of the network
12	Digital Social networks
13	Government, big data and algorithms
14	Conclusion