

COURSE GUIDE - short form
Academic year 2017-2018

Course name	The History of Technology					Course code	2ISI17DC		
Course type	DC	Category	DO	Year of study	2	Semester	4	Number of credit points	3

Faculty	Materials Science and Engineering				Number of teaching and learning hours					
Field	Industrial Engineering				Total	L	T	LB	P	IS
Specialization	SafetyEngineering in industry				56	28	14	-	-	14

Pre-requisites from the curriculum	Compulsory	-
	Recommended	-

General objective	The course <i>The History of Technology</i> aims at introducing to the students the evolution of science and technology along the time, emphasizing the Romanian contribution in the development of world science and technology
Specific objectives	<ul style="list-style-type: none"> • To stimulate the idea and consciousness of reation and scientific engineering; • A to promote cultural and scientific interdependence; • I'll argue the role of engineering profession in the dynamics of civilization ...
Course description	An introduction to the history of science and technology, historical and hermeneutical aspects; Science and technology during antiquityA Empiricism in mediaeval scientific knowledge; Renaissance and the technical revolution (1453-1659) ; Science and technology during Newton's age (1660 – 1734). The foundation of modern science; Enlightenment and the industrial revolution; Scientific and technological achievements during the 19th century; Science and technology in the 20th century; Seminar Romanian scientific and technological achievements. Their impact at global level; Famous inventors; The emergence and evolution of Romanian technical higher education ; Science and engineering in the postmodern age.

Assessment		Schedule	Percentage of the final grade (minimum grade)
Continuous assessment	Class tests along the semester		
	Activity during tutorials/laboratory works/projects/practical work		25%
	Assignments		S11 25%
Final assessment	Final assessment form	Colloquium	S14
	Examination procedures and conditions: 1. ; tasks ; working conditions ; percent of the final grade % 2. ; tasks ; working conditions ; percent of the final grade %		50%

Course organizer	Associate Professor Ph.D. Gabriel Asandului
Teaching assistants	Associate Professor Ph.D. Gabriel Asandului