



SUBJECT: THE SCIENTIFIC, TECHNICAL AND INDUSTRIAL HERITAGE

DEGREE AND ACADEMIC COURSE: MASTER IN HISPANIC CULTURAL HERITAGE

TEACHERS: MARCELO FRÍAS, EMILIO OLIAS, M. JOSÉSUÁREZ

ECTS: 6

QUARTER: 1º

TIMETABLE FOR THE SUBJECT

WEEK	SESIÓN	DESCRIPTION OF THE CONTENT OF THE SESSIONS	GROUP (X mark)		Indicate if a different lecturEa room is needed (computer, audiovisual, etc..)	HOMEWORK PER WEEK		
			1	2		DESCRIPTION	ATTENDING HOURS	HOMEWORK Max. 7H/WEEK
1	1	PRESENTATION OF TEACHERS, OF THE COURSE AND THE EVALUATION SYSTEM. INDICATIONS ON THE RESEARCH WORK. -Practical attention and work monitoring.	X			Documents 1 to 4.	2	4
2	2	PRESENTATION OF BLOCK I. HISTORY OF SCIENCE AND TECHNIQUE -History, method, concepts: Introduction to the History of Science and Technology. -Practical attention and work monitoring.	X			Documents 1 to 4.	2	4
3	3	BLOCK I. - The scientific collections: the cabinet model. -Practical attention and work monitoring	X			Documents 5 to 7.	2	4
4	4	BLOCK I. - Documentary sources: virtual possibilities. -Practical attention and work monitoring.	X		Computer Classroom	Documents 8 to 12.	2	4
5	5	BLOCK I. Practical Session I: Original or replica in the scientific heritage? Discussion. Reproduction process and product obtained - fossils, rocks and minerals. -Practical attention and work monitoring.	X		Laboratory. Museo Geominero.	Documents 13,14 and 17 to 19. Practical work in the museum	2	4



5 (bis)	6	BLOCK I. Practical Session II: Original or replica in the scientific heritage? The collections. -Practical attention and work monitoring.	X		General Hall. Museo Geominero.	Exercise- practice-1- Original or replica?	2	6
6	7	PRESENTATION OF BLOCK II. THE INDUSTRIAL HERITAGE -Patrimony and Engineering History -Practical attention and work monitoring	X			Document 20	2	4
7	8	BLOCK II. Transportation, Public Works and Telecommunications -Practical attention and work monitoring.	X			Document 21	2	4
8	9	BLOCK II. - The Academies of Engineering and Industrial Heritage in Spain. -Practical attention and work monitoring	X			Document 22	2	4
9	10	BLOCK II. - Industrial Engineering and Telecommunications Engineering (19th and 20th centuries) -Practical attention and work monitoring.	X			Document 23 and 24 to 27	2	4
10	11	BLOCK II. Practical Session: -Practical Exercise- Test.: Engineering History - -Practical exercise - Test -Practical attention and work monitoring.	X			Exercise- practice- 2- Test.	2	6
11	12	PRESENTATION OF BLOCK III. THE SCIENTIFIC AND TECHNICAL HERITAGE Legal status. Classification Scientific principle. Scientific collections and museums. -Practical attention and work monitoring	X			Document 28	2	4



12	13	BLOCK III. Conservation and restoration of collections. Methodology. Criteria for preventive conservation, intervention, exposure, transport, storage. -Practical attention and work monitoring.	X			Document 29	2	4
13	14	BLOCK III. Types of museums and collections: astronomical, natural sciences, industrial. -Practical attention and work monitoring.	X			Document 30	2	4
14	15	BLOCK III. Practical session I: Study of pieces in the museum. -Practical attention and work monitoring.	X		Museo Naval	Practical session on museum pieces. Documents 31 to 35.	2	6
14 (bis)	16	BLOCK III. Practical sessions II: Cataloging exercises. Assembly of an exhibition. -Practical attention and work monitoring.	X			Practical exercise-3-. Technical sheet about museums	2	4
TOTAL HOURS							32	70