



DISCIPLINE SHEET

1. Data about the programme

1.1.	“CAROL DAVILA” UNIVERSITY OF MEDICINE AND PHARMACY
1.2.	FACULTY OF MEDICINE
1.3.	DEPARTMENT 5
1.4.	DISCIPLINE OCCUPATIONAL MEDICINE
1.5.	DOMAIN OF STUDY: HEALTH – Sectorally regulated within the European Union
1.6.	STUDY CYCLE: LICENCE
1.7.	STUDY PROGRAME: MEDICINE – ENGLISH MODULE

2. Data about discipline

2.1.	Name of the discipline in the educational plan: OCCUPATIONAL MEDICINE				
2.2.	Discipline code: DSIV2M				
2.3.	Discipline type (FD/SD/CD): SD				
2.4.	Discipline regimen (MD/OPD/): OPD				
2.5.	The holder of the course activities Prof....OTEALEA MARINA RUXANDRA				
2.6.	The holder of the seminar activities : Prof. ASSOC HANDRA CLAUDIA-MARIANA				
2.7. Year of study	IV	2.8. Semester	VII,VIII	2.9. Type of evaluation (E/C)	E

3. Total estimated time (hours/semester of didactic activity an self preparation/study

I. Academic training (teaching, practical application, assessment)						
3.1. Nr hours/week	25	From which:	3.2. lecture	10	3.3. seminary/ laboratory	15
3.4. Total hours of educational plan	25	From which:	3.5. lecture	10	3.6. seminary/ laboratory	15
Evaluation (nr. of hours) : 7						
II. Self preparation/study						
Time allocation						hours
Study of course materials, textbooks, books, study of the recommended minimal bibliography						50
Additional research in the library, research through the internet						50
Performing specific activities for preparing projects, laboratories, elaborating reviews or other tasks						50
Specific preparation activities for projects, laboratory work, assignments, and reports						30
Tutoring						25
Other activities						40
3.7. Total individual study hours						245
3.9. Total hours per semester (3.4.+ 3.7.)				270		
3.10. Number of credits				9		

4. Preconditions (where applicable)

4.1. of curriculum	semiology, physiology, pathophysiology
4.2. of competences	case history, clinical examination, lab and paraclinical investigations test interpretation, filling in the medical record

5. Conditions (where applicable)

5.1. to conduct the lecture	PowerPoint presentations, use of multimedia systems, and projector
5.2. to conduct the seminar / laboratory	Equipped with the necessary apparatus for conducting practical activities

6. Learning outcomes

Knowledge about :	Skills	Responsibility and autonomy
- occupational hazards (occupational risk factors) - the relationship between occupational hazards and occupational diseases - the list of occupational diseases - occupational pulmonary fibrosis - occupational obstructive diseases : diagnosis, guidelines for treatment and prevention - occupational cancer : occupational risk hazards, guidelines for treatment and prevention	- the ability to identify the occupational risk factors in clinical practice - the ability to establish the positive diagnosis of occupational disease and work related diseases - the ability to recognize the criteria for a positive diagnosis of occupational disease and work related diseases in clinical practice - the ability to understand if prevention principles for occupational diseases were fulfilled in a patient with an occupational disease or a work related disease	- to be able to work in a team - to be able to communicate with the patient in order to correctly perform a professional medical history, - to be able to identify risk factors that can aggravate a chronic disease (cardiovascular, respiratory, etc.) - to be able to comply with professional and ethical standards of conduct - to be able to respect the dress code requested in the hospital environment - to be able to use polite and refined language - to comply with the university

7. Course objectives (aligned with the learning outcomes)

7.1. General objective	understanding the relationship between professional exposure to risk and alteration of the health state
7.2. Specific objective	

8. Contents

8.1. Lecture	Teaching methods	Observations
1. Introductory concepts: risk factors, occupational	PowerPoint presentations	2h

diseases, and work related diseases: classification, table of occupational diseases 2.Occupational fibroses. Pneumoconioses. Silicosis and asbestosis diagnosis criteria, guidelines for prevention and treatment 3. Other occupational pulmonary fibrosis: etiology, diagnosis criteria, guidelines for prevention and treatment 4. Occupational obstructive diseases : asthma, COPD, byssinosis. etiology, diagnostic criteria, guidelines for prevention and treatment 5.Occupational cancer : occupational hazards, diagnostic criteria guidelines for prevention and treatment		
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Recent Bibliography

- **Diagnostic and exposure criteria for occupational diseases. Guidance notes for diagnosis and prevention of the diseases in the ILO List of Occupational Diseases (revised 2010)**, Edited by Shengli Niu, Claudio Colosio, Michele Carugno, Anil Adishes, International Labour Organization 2022, ISBN 978-92-2-035683-8 (Print), ISBN 978-92-2-035682-1 (Web PDF), Chapter 2- Occupational disease by target organ systems, 2.1. Respiratory disease.
- Encyclopedia of occupational health and safety : <https://www.iloencyclopaedia.org/part-i-47946/respiratory-system>

9. Evaluation

Activity type	9.1. Evaluation criteria	9.2. Evaluation methods	9.3. Percentage in the final grade
9.4. Lecture	Assessment of theoretical knowledge	exam	70%
9.5. Seminary/ practical activity	Assessment of knowledge acquired	exam	30%

	during practical activity		
9.5.1. Individual project (if applicable)	-	-	-
9.6. Minimum performance standard. Passing the exam involves obtaining grade 5 both in the practical exam, and in the written test, 50% respectively, for each component evaluated (each component is mandatory and eliminating)			

Date of completion :
06.10.2025

Signature of the course holder

Signature of the laboratory holder

Date of approval by the Department Council:

Signature of the Department Director