

1.	Subject	<b>HEALTH AND EMPLOYMENT PROTECTION</b>			
2.	Code	DA – 125			
3.	Study program:	Three-year professional studies for graduate obstetricians			
4.	Conducted by	Department of Occupational Medicine			
5.	Degree of education (first or second cycle)	First cycle			
6.	Academic year/semester	First/II	7.	Credits	1.5
8.	Professor	Chair of the Department of Occupational Medicine – Prof. Jordan Minov The classes are held by the following Department members Prof. Jordan Minov Prof. Jovanka Karadzinska – Bislimovska			
9.	Prerequisite	None			
10.	Goals	The student gains basic knowledge about the possible risks, dangers and hazards, measures for employment protection, among healthcare professionals – obstetricians			
11.	Content summary:	<p>Theoretical lessons(20 classes):</p> <ul style="list-style-type: none"> <li>• Health and employment protection, occupational medicine and the health of employees. Laws. Work place, work conditions, work environment (work area, equipment, organization). Physiology, occupational psychology and aspects of ergonomics at work</li> <li>• Analyzis of the work place, professional risks, professional dangers and hazards</li> <li>• Occupational diseases, diseases related to work and work injuries</li> <li>• Preventative measures (technical, technological, colective and personal preventative measures, medical and legal)</li> <li>• Physical agents (temperature, noise, vibrations, radiation), health effects, preventative measures</li> <li>• Radioactivity – health effects, preventative measures</li> <li>• Chemical agents – anesthetics, cytostatics, sterilizing agents, desinfectants etc.), health effects, preventative measures</li> <li>• Biological agents, stabs, hazardous medical waste, health effects, preventative measures (biosecurity)</li> <li>• Psycho-social agents (stress, burn-out syndrome, workplace violence) and organization factors (night shift, working in shifts, extra hours) health effects, preventative measures</li> <li>• Ergonomic risk factors (repetitive movements, lifting weight, etc.), health effects, preventative measures</li> <li>• Prevention and self-preservation, first aid (basic principles, laws, actions and procedures, control)</li> <li>• Health prevention at work</li> </ul> <p>Practical lessons (10 practical lessons + 10 seminars)</p> <ul style="list-style-type: none"> <li>• Recognizing the basic sources of dangers and hazards at work, adopting the appropriate work actions and procedures, as well as the recomended measures for prevention, self-preservation and first aid at the work place</li> <li>• Adopting the recommendations for health prevention and promotion at the work place of a heathcare professional</li> </ul>			
12.	Teaching methods:	Interactive lessons, practical lessons with working in small groups, problem solving and discussing cases, individual practical work, poster presentations			

13.	Total classes:	80		
14.	Organization	40 theoretical lessons and practical lessons 40 learning at home		
15.	Types of teaching activities	15.1	Lessons: theoretical classes	20
		15.2	Practical lessons, Seminars	10 10
16.	Other types of activities	16.1	Practice	/
		16.2	Self-supporting practice	
		16.3	Learning at home	40
17.	Knowledge assesment	Points		
	17.1	Final exam	Min.-max. 18 - 30	
			*Written part **Practical part -poster presentation 17 - 25 *The written part of the exam includes the part where the student must gain knowledge and understanding of the connection between health and work, as well as of the basic elements health prevention and promotion in the work place. **The practical part of the exam includes the part where the student becomes able to use the gathered knowledge in practice. The student must gain minimum points in every part of the exam, separately, in order for the points to be summed in the exam. On the contrary, the final exam is failed.	
	17.2			
	17.3	Paper/project (oral presentation of slides)	<b>Min. – max.</b> <b>12 - 20</b>	
	17.4	Active participation	Min. – max. Theoretical lessons 5 - 10 Practical lessons 8 - 15	
18.	Grading criterion (points/grades)	Up to 59 points	5 (five) F	
		From 60 to 68 points	6 (six) E	
		From 69 to 76 points	7 (seven) D	
		From 77 to 84 points	8 (eight) C	
		From 85 to 92 points	9 (nine) B	
		From 93 to 100 points	10 (ten) A	
19.	Requirements for obtaining a signature and attending the final examination	<p>To obtain a signature, the student must gain minimum points from attending the theoretical and practical lessons, as well as writing a paper.</p> <p>To attend the final exam, the student must prepare and present a poster presentation and a paper/slides presentation.</p> <p>The final grade for the subject is formed according to the table for grading, and is based on the sum of the points from all the activities, presentations, knowledge checkups and final exam.</p>		

	Type of activity	Points
	Theoretical lessons	5-10
	Practical lessons	8-15
	Paper/project	12-20
	Final exam	Written part 18-30 Poster presentation 17-25
	Total	60-100 points
20.	Language	Macedonian
21.	Method of evaluating the quality of the lessons	Anonymous student evaluation of the subject, the professors and the collaborators who hold the lessons.
22.	Literature	
	22.1	Mandatory literature
		1. Karadzinska-Bislimovska J., Minov J., Risteska-Kuch S., Mijakoski D., Occupational Medicine., Skopje: University Ss.Cyril and Methodius Skopje, 2011
		2. Stikova E., Occupational Medicine., Skopje: University Ss.Cyril and Methodius Skopje, 2012
	22.2	Additional literature