

1.	Subject	<b>INTRODUCTION TO HEALTH CARE</b>		
2.	Code	DA – 111		
3.	Study program:	Three-year professional studies for graduate obstetricians		
4.	Conducted by	Department of Anesthesia, Resuscitation and Intensive care Medical Faculty – Skopje Chair of the Department: Prof. Mirjana Shosholcheva the classes are held by all the professors of the departments		
5.	Degree of education (first or second cycle)	First cycle		
6.	Academic year/semester	First/I	7.	Credits 8
7.	Professor	Anesthesia with Resuscitation: responsible professor: Prof. Mirjana Shosholcheva and other professors from the Department Internal Medicine: responsible professor – prof. Meri Trajkovska and other professors from the Department Surgery: responsible professor – Prof. Boro Dzonov		
8.	Prerequisite			
9.	Content summary:	<p>Theoretical lessons:</p> <p>Anesthesia with Resuscitation</p> <ol style="list-style-type: none"> <li>1.The importance of Health care in Obstetrics (1 class)</li> <li>2.The process of health care in obstetrics (1 class)</li> <li>3.Obstetric medical history and the ways of obtaining it (1 class)</li> <li>4.Preparing a health care plan by the obstetrician in the process of providing health care to a pregnant woman (1 class)</li> <li>5.Methods and ways of providing health care to a pregnant woman (1class)</li> <li>6.Work organization of the obstetrician as part of a medical team before, during and after delivery (1 class)</li> <li>7.Evaluation of the provided health care according to the health care plan of pregnant women (1 class)</li> <li>8.Documentation: ways of gathering, recording data, forms for documentation and management of documentation (1 class)</li> <li>9.Firsthand health care of a pregnant woman: hygiene and nutrition of a pregnant woman</li> <li>10.Examination of a pregnant woman (1 class)</li> <li>11.Taking the vital signs of a pregnant woman and recording them (1 class)</li> <li>12.Breathing exercises for easier delivery (1 class)</li> <li>13.Health care in the postpartum period (1 class)</li> <li>14.Primary health care – visiting nurse – obstetrician (1 class)</li> <li>15.Health education of pregnant women (1 class)</li> <li>16.The role of the obstetrician in the delivery room (1 class)</li> <li>17.Health care of a newborn (1class)</li> <li>18.Cardiopulmonary resuscitation of a newborn (1class)</li> <li>19.The role of the obstetrician during a painless delivery (1class)</li> </ol> <p>Internal Medicine</p> <ol style="list-style-type: none"> <li>1.Health care of pregnant women with coronary artery disease (1class)</li> <li>2.Health care in case pulmonary hypertension during pregnancy (1class)</li> <li>3.Health care of a pregnant woman with valvular heart disease with attention dedicated to anticoagulant therapy (1 class)</li> </ol>		

	<p>4.Health care in case of weakened heart during pregnancy (1 class)  5.Health care of people with gestational diabetes (1 class)  6.Health care of people with Sheehan syndrome (1 class)  7.Hypothyroidism and pregnancy (1 class)  8.Urinary infections during pregnancy (1 class)  9.Hypertension during pregnancy (1 class)  10.Kidney problems during pregnancy (1 class)  11.Acute fatty liver in pregnancy (1 class)  12.Cholelithiasis and cholecysto-pancreatitis (1 class)  13.Dyspepsia in pregnancy (1 class)  14.Development of Budd-Chiari Syndrome during pregnancy (1 class)  15.Pulmonary embolism in pregnancy (1 class)  16.Asthma in pregnancy (1 class)  17.Bronchiectasis in pregnancy (1 class)  18.Anemias in pregnancy (1 class)</p> <p>Surgery</p> <p>1.Antisepsis and work organization in the operating room (1 class)  2.Types of wounds and their treatment (1 class)  3.Injuries of the chest (1 class)  4.The effects of injuries on the human organism, complications, prevention and treatment (1 class)  5.Frostbites, burns and rules of treatment (1 class)  6.Urinary tract obstructions and injuries (1 class)  7.Surgical infections and treatment rules (1 class)  8.Head injuries (1 class)  9.Urgent conditions in pediatric and neonatal surgery (1 class)  10.Endoscopic and X-ray methods in diagnosing and treating the urinary tract (1 class)  11.Breast cancer (1 class)  12.Craniocerebral injuries, Tu-cerebrim Hydrocephlus (1 class)  13.Skin transplantations, pattern flaps, skin tumors and treatment (1 class)  14.Phlebothrombosis and thrombophlebitis (1 class)  15.Surgical instruments (1 class)  16.Abdominal injuries, acute abdomen and acute medical conditions (1 class)  17.Pediatric urology and tumors in childhood (1 class)  18.Fractures, types, treatment and complications (1 class)</p>
10.	<p>Practical lessons:</p> <p>Anesthesia with Resuscitation</p> <p>1.Nurse medical history (5 classes)  2.Nurse making diagnosis (5 classes)  3.Planning health care (5 classes)  4.Implementation of health care (5 classes)  5.Evaluation of the health care process (5 classes)  6.Ways of keeping documentation (5 classes)</p> <p>Surgery</p> <p>1.Organization of the surgical department (surgical ambulance, aseptic area, operating room) (10 classes) and surgical intensive care unit (8 classes)  2.Basic surgical instruments (8 classes)  3.Preparing the instruments for sterilization (8 classes)  4.Wound dressing and types of wound dressing (8 classes)  5.Specifics of different wound dressing in particular surgical fields (8 classes)</p>

	6.Asepsis (mechanical cleaning, manual and mechanical, cold and hot disinfection (8 classes) 7.Antisepsis (wound dressing, incision, suture, wound treatment) (8 classes) 8.Sterilization (types and methods) (8 classes) 9.Admitting a surgery patient, emergency patient, patient in the intensive care unit (10 classes) 10.Preparing the patient for a surgery (12 classes) 11.Specifics in the work with operated children (5 classes) 12.Procedure and dealing with hospital-acquired infections (4 classes)			
11.	Teaching methods: Theoretical lessons, working in small groups, workshops			
12.	Total classes:	250		
13.	Organization			
14.	Types of teaching activities	14.1	Lessons: theoretical classes	55
		14.2	Workshops, working in small groups	60
15.	Other types of activities	15.1	Practical lessons	135
16.	Knowledge assesment		Points	
	16.1	Exams	Min.-max. <b>Regular checks of the knowledge (mid-term exam 1 or final exam:</b>  Points 50-80	
	16.2	Active participation	Min. – Max. Points Theoretical lessons 5 - 10 Practical lessons 5 - 10	
17.	Grading criterion (points/grades)	Below 60 points	5 (five) F	
		From 60 to 67 points	6 (six) E	
		From 68 to 75 points	7 (seven) D	
		From 76 to 83 points	8 (eight) C	
		From 84 to 91 points	9 (nine) B	
		From 92 to 100 points	10 (ten) A	
18.	Requirements for obtaining a signature and attending the final examination	Regular attendance of the theoretical and practical lessons		
19.	Language	Macedonian		
20.	Method of evaluating the quality of the lessons	Evaluation sheets		
21.	Literature			
	21.1	Mandatory literature		
		1.	Authorized lectures from the departments	
		2.	Health care – textbook, M.Sholjakova and colaborators	
		3.	Health care – textbook, M.Tijanikj	