

1.	Subject	<b>SURGERY / CLINICAL PRACTICE</b>		
2.	Code	OM 621		
3.	Study Program	General surgery		
4.	Institution (Unit, Institute, Chair, Department)	Ss Cyril and Methodius University, Medical Faculty, Department of Anatomy		
5.	Degree of education (first or second cycle)	Integrated 6-year study		
6.	Study year/semester	Fourth (IV) and Fifth (V) / Eleventh(XI) and twelfth (XII)	7.Number of credits	14
8.	<b>Responsible teacher</b>	Cheaf of Department of Surgery Doc. d-r Boro Dzonov		
9.	Preconditions	Filled condition for X semester		
10.	<b>Teaching goals:</b> <ul style="list-style-type: none"> <li>• Introducing with diagnostic and therapeutic procedures in the field of clinical surgery</li> </ul>			
11.	<b>Brief content:</b>  <b>Theoretical course:</b> <ul style="list-style-type: none"> <li>• Filling surgical history</li> </ul>			

- Characteristic of history taking on every department
- Characteristic of clinical examination on the departments of:
- Abdominal Surgery
- Pediatric Surgery
- Thoracic vascular surgery
- Urology
- Neurosurgery
- Traumatology
- Plastic Surgery
- Intensive care
- Participation in the daily work in clinics
- Participation in everyday surgical work on the surgical departments
- Treatment of a patient in an unconscious state
- reanimation of a patient in an unconscious state (ventilatory and cardiac resuscitation)
- First aid for bleeding
- First aid for fractures
- Immobilization techniques (transport and permanent)
- bandaging wounds
- Treatment of wounds and their suture
- Incision of abscess
- Local treatment of burns
- Giving parenteral therapy and intravenous infusions
- Investigation of prostate with rectal tube
- Placement of a nasogastric tube
- Endotracheal intubation
- See placing tracheostomy cannula
- Placement of a urinary catheter
- Assisting thoracic puncture
- see setting thoracic drainage
- Assist in reposition hernia
- Punctures wrist
- Assist in the reposition of fracture
- Gives local anesthesia
- Assist with basic operations (hernia plastic, gall surgery gall bladder, appendix surgery)
- Investigation of large joints
- Other minor interventions

Clinical practice will be organized within 4 working weeks with a full time of 8 hours. There will be 2 tensus during the XI and XII semester. During the tensus, the departments and mentors change. Everyday activities of the student will be recorded in a separate log of activities that will be verified with the mentor's signature

12.	<p><b>Methods of studying:</b></p> <ul style="list-style-type: none"> <li>• Participation in vocational meetings on the clinics</li> <li>• Participation in morning visits</li> <li>• Participation in the daily work of the departments at the Surgery Clinic</li> <li>• Participation in surgical interventions in the field of surgery</li> </ul> <p><b>Knowledge and understanding:</b></p> <p>Student will acquire the theoretical knowledge in the field of surgery related to admission of patients in hospital setting, will acquaint the characteristics of history taking on each department, as well as the characteristics of clinical examination on each department. He will be introduced with the procedures for setting up a working diagnosis, treatment plan and surgical treatment of individual clinical cases.</p> <p><b>Crucial Skills:</b></p>
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	The student will be able to apply the gained knowledge, to develop surgical culture and introduction to surgical principles. After he finishes the practice he will know basically to treat the emergency surgical patient, with the opportunity to do a basic surgical skill. Also he/she will be able to assist on surgical interventions.			
13.	Total available time:	420 hours classes		
14.	Organization of the course	320 classes – hours of exercise 100 classes – domestic studying Teaching will take place within 4 weeks for 8 hours		
15.	Forms of teaching activities	15.1	Theoretical course	/ classes
		15.2	Practical course, Seminars Team building	Practical: 320 classes

16.	Other forms of activities	16.1	Practice	320 classes								
		16.2	Individual tasks	theoretical knowledge in the field of surgery related to admission of patients in hospital setting, as well as the characteristics of clinical examination on each department.								
		16.3	Individual (home) learning	100 classes								
17.	<p><b>Method of assessment</b></p> <p>The student is required to attend and actively participate in ongoing turnuses</p> <p>Scoring the student activities</p> <table border="1"> <thead> <tr> <th rowspan="2">Type of activity</th> <th colspan="2">Po ints</th> </tr> <tr> <th>Min.</th> <th>Max.</th> </tr> </thead> <tbody> <tr> <td>Practice</td> <td>60</td> <td>100</td> </tr> </tbody> </table> <p>*Practice: 20 days for 8 hours</p> <p>Attendance: 2.5 points</p> <p>Activity: 2.5 points</p> <p><b>The student assessment is descriptive (passed)</b></p>				Type of activity	Po ints		Min.	Max.	Practice	60	100
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Practice	60	100										
18.	Grading criteria (points / grade)	The student should score at least 60 points. The student's assessment is descriptive (passed)										

19.	Requirement for signature and taking the final exam	<ul style="list-style-type: none"> <li>• in order to get a signature, the student is required to attend on 2 tensus during the XI and XII semester</li> </ul> <p><b>Conditional criteria for assessment of knowledge:</b></p> <ul style="list-style-type: none"> <li>• In order to get a signature, the student should obtain minimum points,</li> <li>• If the student has not obtained the minimum points, he/she will be obligated to pass them.</li> <li>• The student's assessment is descriptive (<b>passed</b>)</li> </ul>
20.	Language of instruction	Macedonian

21.	Method of monitoring the quality of teaching process	Student anonymous evaluation of the subject, the teachers and collaborators participating in the teaching
22.	Textbooks • Bates' Clinical Reviews and Landing History, Authors: Lin. S. Bakli and Piter. G. Shilagi. 2012	