

## Operation techniques 3

### III. Course Description:

In this course, the student will learn the basic setup and surgical steps in cardiovascular, thoracic, plastic surgery procedures to plan the appropriate care of the surgical patient. By the end of this unit, the student will be able to discuss and apply theory relating to the following topics:

### V. Course Content:

Distribution of Semester Weekly Plan of Course Topics/Items and Activities.

#### A – Theoretical Aspect:

| Order                                          | Topics List                                                                                    | Week Due  | Contact Hours |
|------------------------------------------------|------------------------------------------------------------------------------------------------|-----------|---------------|
| 1                                              | instrument of cardiovascular surgery                                                           | 1-3       | 6             |
| 2                                              | Instruments of thoracic surgery                                                                | 4-5       | 4             |
| 3                                              | Instrument of plastic surgery                                                                  | 6-7       | 4             |
| 5                                              | Mid-term exam                                                                                  | 8         | 2             |
| 6                                              | Surgical Tanique prepping, draping, instrumentation & supplies during cardiovascular surgeries | 9-10      | 4             |
| 7                                              | Surgical Tanique prepping, draping, instrumentation & supplies during thoracic surgeries       | 11-13     | 6             |
| 8                                              | Surgical Tanique prepping, draping, instrumentation & supplies during plastic surgeries        | 14-15     | 4             |
| 13                                             | Final exam                                                                                     | 16        | 2             |
| <b>Number of Weeks /and Units Per Semester</b> |                                                                                                | <b>16</b> | <b>32</b>     |

#### B– Practical Aspect:

| Order                                          | Topics List                               | Week Due  | Contact Hours |
|------------------------------------------------|-------------------------------------------|-----------|---------------|
| 1                                              | Application on cardiovascular instrument  | 1-3       | 6             |
| 2                                              | Technical skills cardiovascular surgeries | 4-5       | 4             |
| 3                                              | Application on thoracic instrument        | 6-7       | 4             |
| 4                                              | Technical skills thoracic surgeries       | 8-9       | 4             |
| 5                                              | Application on plastic instrument         | 10-12     | 6             |
| 8                                              | Final exam                                | 14-16     | 6             |
| <b>Number of Weeks /and Units Per Semester</b> |                                           | <b>16</b> | <b>32</b>     |

| <b>VI. Teaching strategies of the course:</b> |  |
|-----------------------------------------------|--|
| 1. Lecture                                    |  |
| 2. Lecture - Discussion                       |  |
| 3. Demonstration                              |  |
| 4. Student assignments                        |  |
| 5. Role Plays                                 |  |
| 6. Brainstorming                              |  |
| 7. Case study                                 |  |
| 8. Field work                                 |  |

| <b>VII. Assignments:</b> |                                                                                             |                 |             |
|--------------------------|---------------------------------------------------------------------------------------------|-----------------|-------------|
| <b>No</b>                | <b>Assignments</b>                                                                          | <b>Week Due</b> | <b>Mark</b> |
| 1                        | Practice in Unit Hospital<br>Write nursing process records of patient<br>Simulated - Actual | 1-2             | 4           |
| 2                        | Write nurses notes and present the patient<br>report of 2-3 assigned patient                | 3-4             | 2           |
| 4                        | Practice in lab & hospital<br>Simulated exercise on CPR manikin                             | 5-6             | 2           |
| 5                        | Observation study<br>Collection of samples for test and culture<br>Practice in lab/ward     | 7-9             | 2           |

**I. Schedule of Assessment Tasks for Students during the Semester:****Theoretical part**

| <b>No.</b> | <b>Assessment Method</b>  | <b>Week Due</b>   | <b>Mark</b> | <b>Proportion of Final Assessment</b> | <b>Aligned Course Learning Outcomes</b> |
|------------|---------------------------|-------------------|-------------|---------------------------------------|-----------------------------------------|
| 1          | Attendance and Activities | 15th week         | 5           | 5%                                    | a1,a2,a3,a4,a5,b1,b2,d1                 |
| 2          | Semester work             | 5th and 12th week | 5           | 5%                                    | a1,a2,a3,a4,a5,b1,b2,d1                 |
| 3          | Mid-term exam             | 7th or 8th week   | 20          | 20%                                   | a1,a2,a3,a4,a5,b1,b2,d1                 |
| 4          | Final exam                | 16th-17th week    | 70          | 70 %                                  | a1,a2,a3,a4,a5,b1,b2,d1                 |

**Clinical part**

| <b>Assessment</b> | <b>Type of Assessment Tasks</b>              | <b>Week Due</b>                           | <b>Mark</b> | <b>Proportion of Final Assessment</b> | <b>Aligned Course Learning Outcomes</b> |
|-------------------|----------------------------------------------|-------------------------------------------|-------------|---------------------------------------|-----------------------------------------|
| 1                 | Attendance and Attitude                      | 15 <sup>th</sup> week                     | 10          | 10%                                   | c1,c2, c3,c4                            |
| 2                 | Student assignments                          | 1 <sup>st</sup> and 15 <sup>th</sup> week | 10          | 10%                                   | c1,c2, c3,c4                            |
| 3                 | Clinical Evaluation/ Semester Work           | 15 <sup>th</sup> week                     | 50          | 50%                                   | c1,c2, c3,c4                            |
| 4                 | Final Exam (Written, Oral and Clinical Exam) | 16 <sup>th</sup> -17 <sup>th</sup> week   | 30          | 30%                                   | c1,c2, c3,c4                            |

