

**Course Assessment Report  
Washtenaw Community College**

Discipline	Course Number	Title
Surgical Technology	210	SUR 210 01/24/2022- Surgical Procedures II
College	Division	Department
	Health Sciences	Allied Health
Faculty Preparer	Kathryn Hernandez	
Date of Last Filed Assessment Report		

**I. Review previous assessment reports submitted for this course and provide the following information.**

1. Was this course previously assessed and if so, when?

No

2. Briefly describe the results of previous assessment report(s).

3.

4. Briefly describe the Action Plan/Intended Changes from the previous report(s), when and how changes were implemented.

5.

**II. Assessment Results per Student Learning Outcome**

Outcome 1: Describe the different diagnostic procedures used to determine surgical intervention.

- Assessment Plan
  - Assessment Tool: essay questions on a specific surgical procedure
  - Assessment Date: Fall 2016
  - Course section(s)/other population: all sections
  - Number students to be assessed: all students
  - How the assessment will be scored: answer key and rubric

- Standard of success to be used for this assessment: 80% of students will score 80% or higher
- Who will score and analyze the data: departmental faculty

1. Indicate the Semester(s) and year(s) assessment data were collected for this report.

Fall (indicate years below)	Winter (indicate years below)	SP/SU (indicate years below)
2021		

2. Provide assessment sample size data in the table below.

# of students enrolled	# of students assessed
17	17

3. If the number of students assessed differs from the number of students enrolled, please explain why all enrolled students were not assessed, e.g. absence, withdrawal, or did not complete activity.

All students enrolled in this course were assessed for this outcome.

4. Describe how students from all populations (day students on campus, DL, MM, evening, extension center sites, etc.) were included in the assessment based on your selection criteria.

The students assessed attended class virtually during the day once a week.

5. Describe the process used to assess this outcome. Include a brief description of this tool and how it was scored.

The students were scored using a rubric. The students answered questions in essay format. Each question was worth 5 points making the total possible score worth 15 points.

6. Briefly describe assessment results based on data collected for this outcome and tool during the course assessment. Discuss the extent to which students achieved this learning outcome and indicate whether the standard of success was met for this outcome and tool.

Met Standard of Success: Yes  
 All students assessed met the standard of success by scoring an 80% (12/15) or higher for this outcome.

7. Based on your interpretation of the assessment results, describe the areas of strength in student achievement of this learning outcome.

The students did very well on their knowledge of the various diagnostic methods used before a surgical intervention happens.

8. Based on your analysis of student performance, discuss the areas in which student achievement of this learning outcome could be improved. If student met standard of success, you may wish to identify your plans for continuous improvement.

Although the students met the standard of success, I did notice that their knowledge of procedures based on certain diagnostics could maybe be brushed up a little. For continuous plans for improvement, I will continue to use office hours to open dialogue with students so that I can try to help them understand anything they may be having trouble with.

Outcome 2: Identify the relevant anatomy and physiology as it relates to the surgical procedure.

- Assessment Plan
  - Assessment Tool: embedded multiple choice questions on exam
  - Assessment Date: Fall 2016
  - Course section(s)/other population: all sections
  - Number students to be assessed: all students
  - How the assessment will be scored: answer key
  - Standard of success to be used for this assessment: 80% of students will score 80% or higher
  - Who will score and analyze the data: departmental faculty

1. Indicate the Semester(s) and year(s) assessment data were collected for this report.

Fall (indicate years below)	Winter (indicate years below)	SP/SU (indicate years below)
2021		

2. Provide assessment sample size data in the table below.

# of students enrolled	# of students assessed
17	17

3. If the number of students assessed differs from the number of students enrolled, please explain why all enrolled students were not assessed, e.g. absence, withdrawal, or did not complete activity.

All students enrolled in this course were assessed for this outcome.

4. Describe how students from all populations (day students on campus, DL, MM, evening, extension center sites, etc.) were included in the assessment based on your selection criteria.

The students in this course met virtually during the day once a week.

5. Describe the process used to assess this outcome. Include a brief description of this tool and how it was scored.

This outcome was scored using an embedded multiple-choice exam in Blackboard. The exam had 20 questions, each worth one point, with a possible score of 20.

6. Briefly describe assessment results based on data collected for this outcome and tool during the course assessment. Discuss the extent to which students achieved this learning outcome and indicate whether the standard of success was met for this outcome and tool.

Met Standard of Success: Yes

All students assessed met the standard of success by scoring an 80% (16/20) or higher for this outcome.

7. Based on your interpretation of the assessment results, describe the areas of strength in student achievement of this learning outcome.

The students did very well with being able to identify the anatomy and physiology of the areas for various surgical procedures.

8. Based on your analysis of student performance, discuss the areas in which student achievement of this learning outcome could be improved. If student met standard of success, you may wish to identify your plans for continuous improvement.

For continuous improvement, I plan to continue utilizing office hours and games to identify student questions and aid in students' understanding of the information.

Outcome 3: Differentiate variations of surgical case management according to the surgical procedure.

- Assessment Plan
  - Assessment Tool: case study
  - Assessment Date: Fall 2016
  - Course section(s)/other population: all sections

- Number students to be assessed: all students
- How the assessment will be scored: rubric
- Standard of success to be used for this assessment: 80% of students will score 80% or higher
- Who will score and analyze the data: departmental faculty

1. Indicate the Semester(s) and year(s) assessment data were collected for this report.

Fall (indicate years below)	Winter (indicate years below)	SP/SU (indicate years below)
2021		

2. Provide assessment sample size data in the table below.

# of students enrolled	# of students assessed
17	17

3. If the number of students assessed differs from the number of students enrolled, please explain why all enrolled students were not assessed, e.g. absence, withdrawal, or did not complete activity.

All students enrolled in this course were assessed for this outcome.

4. Describe how students from all populations (day students on campus, DL, MM, evening, extension center sites, etc.) were included in the assessment based on your selection criteria.

This course met virtually during the day once a week.

5. Describe the process used to assess this outcome. Include a brief description of this tool and how it was scored.

For this outcome, students did a case study that was scored using a rubric worth 100 points. Each portion of the case study was worth 20 points.

6. Briefly describe assessment results based on data collected for this outcome and tool during the course assessment. Discuss the extent to which students achieved this learning outcome and indicate whether the standard of success was met for this outcome and tool.

Met Standard of Success: Yes  
 All students assessed met the standard of success by scoring an 80% (80/100) or higher for this outcome.

- Based on your interpretation of the assessment results, describe the areas of strength in student achievement of this learning outcome.

The students did well in their knowledge of various surgical interventions.

- Based on your analysis of student performance, discuss the areas in which student achievement of this learning outcome could be improved. If student met standard of success, you may wish to identify your plans for continuous improvement.

Although students did meet the standard of success, I did notice that they seemed to get a little confused with the various post-op complications based on various surgical procedures. For continuous improvement, I will continue to promote office hours as a venue to help with any student questions. We will also explore embedding some videos to help with this knowledge to try to make things easier for understanding.

### III. Course Summary and Intended Changes Based on Assessment Results

- Based on the previous report's Intended Change(s) identified in Section I above, please discuss how effective the changes were in improving student learning.

There were no changes intended due to this being the first assessment I have done for this course.

- Describe your overall impression of how this course is meeting the needs of students. Did the assessment process bring to light anything about student achievement of learning outcomes that surprised you?

This course meets the needs of the students by preparing them in their knowledge of various diagnostic methods before surgical intervention happens. This in turn will help them do well in the surgical field when they go out to clinical.

- Describe when and how this information, including the action plan, was or will be shared with Departmental Faculty.

This information is shared every month with faculty and throughout the semester to help student success.

- Intended Change(s)

Intended Change	Description of the change	Rationale	Implementation Date
Course Materials (e.g. textbooks,	Explore embedding additional videos	This was identified as an area for	2022

handouts, on-line ancillaries)	related to post-op complications.	improvement in student learning in the current assessment.	
Other: additional support	Continue promoting office hours, confirm students' knowledge of pre-surgical diagnostic methods.	Continuous improvement; support potential areas for improvement in student learning.	2022

5. Is there anything that you would like to mention that was not already captured?

<p>This was the first time I have taught SUR 210. This class was always taught by the previous Program Director, so I do not have access to the previous years for SUR 210.</p>
---

### III. Attached Files

[SUR 210 Course Assessment](#)

**Faculty/Preparer:** Kathryn Hernandez **Date:** 02/07/2022  
**Department Chair:** Kristina Sprague **Date:** 02/10/2022  
**Dean:** Shari Lambert **Date:** 02/11/2022  
**Assessment Committee Chair:** Shawn Deron **Date:** 03/21/2022