

Course Assessment Report  
Washtenaw Community College

Discipline	Course Number	Title
Surgical Technology	211	SUR 211 10/26/2021- Surgical Procedures II Lab
College	Division	Department
	Health Sciences	Allied Health
Faculty Preparer		Keith Pellerito
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: Apply the principles of asepsis to the practice of sterile technique.

- Assessment Plan
  - Assessment Tool: skills check-off
  - 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)
2020, 2019, 2018		

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

# of students enrolled	# of students assessed
35	35

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.

These students met face-to-face (F2F) on campus once a week.

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

We used a skill evaluation rubric sheet with points for each item completed.

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  
 Over the three semesters assessed, 91% (32/35) of students scored 80% or higher, meeting the standard of success:  
 Fall 2018: 90% (9/10) scored 80% or higher.  
 Fall 2019: 92% (12/13) scored 80% or higher.  
 Fall 2020: 92% (11/12) scored 80% or higher.

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

The students assessed did really well with knowing, utilizing and keeping their sterile technique during the assessment for this outcome. They did well ensuring patients were correctly draped 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, we will continue to hold open lab and work with students one-on-one as needed.

Outcome 2: Apply standard precautions to the performance of perioperative case management activities.

- Assessment Plan
  - Assessment Tool: skills check-off
  - 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)
2020, 2019, 2018		

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

# of students enrolled	# of students assessed
35	35

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.

These students met face-to-face (F2F) on campus once a week.

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

We used a skill evaluation rubric sheet with points for each item completed.

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

Over the three semesters assessed, 100% (35/35) of students scored 80% or higher, meeting the standard of success.

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

The students assessed did really well on everything for this outcome, including keeping their gloves intact when passing surgical instruments, helping to transfer the patient onto the operating room (OR) bed from the stretcher, and prepping the patient's skin 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, we will continue to hold open lab and work with students one-on-one as needed.

Outcome 3: Demonstrate perioperative surgical case management skills.

- Assessment Plan
  - Assessment Tool: skills check-off
  - 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 the 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)
2020, 2019, 2018		

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

# of students enrolled	# of students assessed
35	35

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.

These students met face-to-face (F2F) on campus once a week.

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

We use a skill evaluation rubric sheet with points for each item completed.

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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: <u>Yes</u>
Over the three semesters assessed, 89% (31/35) of students scored 80% or higher, meeting the standard of success:  Fall 2018: 90% (9/10) scored 80% or higher.  Fall 2019: 92% (12/13) scored 80% or higher.  Fall 2020: 83% (10/12) scored 80% or higher.

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

Students did well with making sure all of the necessary equipment was in the OR and verifying and correctly labeling all fluids entering the sterile field. They also did well in making sure to participate in the time-out for patient safety.
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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, we will continue to hold open lab and work one-on-one with students as needed.
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### III. Course Summary and Intended Changes Based on Assessment Results

1. 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 was no previous assessment report.
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2. 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 to be successful in the OR by placing them in mock surgical procedures that they will perform at their clinical site on real patients. By practicing these skills before going to clinical
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students, students feel more comfortable in the OR and more confident assisting with working on real patients. In 2019 and 2020, students showed improvement in their sharp safety skills, as compared to 2018.

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

This information is shared with departmental faculty at monthly meetings and throughout the course.

4. Intended Change(s)

Intended Change	Description of the change	Rationale	Implementation Date
Other: additional support	We will continue to provide additional support through open lab and one-on-one sessions with students.	Continuous improvement.	2022

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

6.

### III. Attached Files

[course assessment sur 231 fall 2020, 2019, and 201](#)

**Faculty/Preparer:** Keith Pellerito **Date:** 11/09/2021  
**Department Chair:** Kristina Sprague **Date:** 11/11/2021  
**Dean:** Shari Lambert **Date:** 11/12/2021  
**Assessment Committee Chair:** Shawn Deron **Date:** 12/13/2021