

**Course Assessment Report
Washtenaw Community College**

Discipline	Course Number	Title
Surgical Technology	102	SUR 102 01/05/2022- Introduction to Sterile Processing Equipment
College	Division	Department
	Health Sciences	Allied Health
Faculty Preparer		Kathryn Walker
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: Identify the function and the demonstrate proper operation of equipment used in various sterilization processes,

- Assessment Plan
 - Assessment Tool: Departmental exam
 - Assessment Date: Fall 2021
 - 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: 75% 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		2022, 2021

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

# of students enrolled	# of students assessed
139	66

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.

There were 69 total students enrolled in this course. Out of the 69 students, 66 were assessed; only students present on the day of the assessment were included.

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 met virtually once a week during the day.

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

The tool was an embedded departmental exam scored by an answer key.

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>
62/66 students (94%) scored an 80% or higher for this outcome, meeting the standard of success.
Fall 2021: 21/21 students (100%)
Spring/Summer 2021: 18/21 students (85%)

Spring/Summer 2022: 23/24 students (95%)

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 demonstrating how to use the various machines in the Sterile Processing department and most of their parameter settings.

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.

I will continue to hold open lab for students to come in and practice.

Outcome 1: Identify the function and the demonstrate proper operation of equipment used in various sterilization processes,

- Assessment Plan
 - Assessment Tool: Skills Checklist
 - Assessment Date: Fall 2021
 - 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: 75% 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		2022, 2021

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

# of students enrolled	# of students assessed
139	66

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.

There were 69 total students enrolled in this course. Out of the 69 students, 66 were assessed; only students present on the day of the assessment were included.

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 for this outcome met on campus once a week during the day.

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

The tool used for this assessment was a skills checklist that was scored by a rubric with points attached to each task.

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 scored an 80% or higher for this outcome, 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 did very well demonstrating how to use the various machines in the Sterile Processing department and most of their parameter settings.

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.

I will continue to hold open lab for students to come in and practice.

Outcome 2: Recognize OSHA and NIOSH standards for sterile processing surgical equipment and tools.

- Assessment Plan
 - Assessment Tool: Departmental exam
 - Assessment Date: Fall 2021

- Course section(s)/other population: All sections
- Number students to be assessed: All students
- How the assessment will be scored: Departmentally-developed rubric and answer keys
- Standard of success to be used for this assessment: 75% 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		2022, 2021

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

# of students enrolled	# of students assessed
139	66

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.

There were 69 total students enrolled in this course. Out of the 69 students, 66 were assessed; only students present on the day of the assessment were included.

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 met virtually once a week during the day.

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

The tool was an embedded departmental exam scored by an answer key.

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

62/66 students (94%) scored an 80% or higher for this outcome, meeting the standard of success:

Fall 2021: 18/21 students (85%)

Spring/Summer 2021: 20/21 students (95%)

Spring/Summer 2022: 24/24 students (100%)

7. 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 recognizing the standards set by OSHA to keep workers safe as well as the NIOSH and OSHA safety standards regarding some of the sterilizers, especially when using the Ethylene Oxide sterilizer.

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.

I will continue to hold office hours in case students have any questions and hold open lab for students to practice their PPE.

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.

This course has never been assessed.

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 students' needs by preparing them for the real-life experiences in the Sterile Processing Department. I did not notice anything that really surprised me.

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: open lab	Continue to hold open lab for students to practice skills.	Continuous improvement	2023

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

6.

III. Attached Files

[SUR 102 FALL2021](#)

[SUR 102 SS2022](#)

[SUR 102 SS2021](#)

Faculty/Preparer: Kathryn Walker **Date:** 11/03/2022

Department Chair: Kristina Sprague **Date:** 11/04/2022

Dean: Shari Lambert **Date:** 11/28/2022

Assessment Committee Chair: Shawn Deron **Date:** 02/24/2023