

**Course Assessment Report
Washtenaw Community College**

Discipline	Course Number	Title
Surgical Technology	110	SUR 110 10/12/2023- Introduction to Surgical Technology/Surgical Patient
College	Division	Department
Inactive Divisions	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: Identify the role and function of a surgical technologist.

- Assessment Plan
 - Assessment Tool: Embedded multiple-choice questions on exam
 - Assessment Date: Fall 2020
 - 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 75% or higher on the outcome-related questions.
- 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)
	2022, 2021	

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

# of students enrolled	# of students assessed
72	52

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.

This course assessment is being done on 2021-2023. Winter 2023 was not available to select in CurricUNET. There were a total of 52 students in these years and all 52 students were assessed. The students were added from the labs into the lecture portion as well resulting in the student number being higher than it really was.

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.

All students met on campus one day 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 was an embedded multiple-choice quiz in Blackboard that was scored in Blackboard 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

Out of the three years assessed for this outcome, 96% (50/52) scored 75% or higher meeting the standard for this outcome.

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

For this outcome, most of the students did really well with understanding and being able to identify the role and function of a surgical technologist.

- 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 plan on continuing to hold office hours to help ensure student success if a student needs one on one help.

Outcome 2: Identify the role and responsibilities of team members as they relate to specific tasks in the surgical environment.

- Assessment Plan
 - Assessment Tool: Embedded multiple-choice questions on exams
 - Assessment Date: Fall 2020
 - Course section(s)/other population: All students
 - Number students to be assessed: All sections
 - How the assessment will be scored: Answer key
 - Standard of success to be used for this assessment: 80% of students will score 75% or higher on the outcome-related questions.
 - Who will score and analyze the data: Departmental faculty

- 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)
	2022, 2021	

- Provide assessment sample size data in the table below.

# of students enrolled	# of students assessed
72	52

- 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.

This course assessment is being done on 2021-2023. Winter 2023 was not available to select in CurricUNET. There were a total of 52 students in these years and all 52 students were assessed. The students were added from the labs into the lecture portion as well resulting in the student number being higher than it really was.

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.

All students met on campus one day 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 was an embedded multiple-choice quiz in blackboard that was scored in blackboard 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

For this outcome 94% of students (49/52) scored a 75% or higher.

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

For this outcome, most of the students did well being able to identify the various roles and responsibilities of other surgical team members.

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 a student needs one on one help to ensure student success.

Outcome 3: Demonstrate skills and competencies of perioperative surgical case management.

- Assessment Plan
 - Assessment Tool: Skills checklist

- Assessment Date: Fall 2020
- Course section(s)/other population: All sections
- Number students to be assessed: All students
- How the assessment will be scored: Skills rubric
- Standard of success to be used for this assessment: 90% of students will pass at 85% 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)
	2022, 2021	

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

# of students enrolled	# of students assessed
72	52

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.

This course assessment is being done on 2021-2023. Winter 2023 was not available to select in CurricUNET. There were a total of 52 students in these years and all 52 students were assessed. The students were added from the labs into the lecture portion as well resulting in the student number being higher than it really was.

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.

All students met on campus one day 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 outcome was a skills checklist that was scored using a rubric that gave points for various tasks.

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: No

For this outcome only 63% of students (33/52) scored an 85% or higher, not 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 improved in their knowledge of surgical instrumentation over each semester of the assessment period.

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.

We have made some changes that we noticed have helped students and have been seen between 2022-2023 years. The students in 2023 did significantly better than the previous years assessed. We will hold open labs so that students can come in to get one-on-one instruction if needed and continue to have them do full run throughs every lab so that through repetition, the skills will become second nature to them.

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 were no previous changes since the course had not yet 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 helps meet student needs by starting to prepare them for their role as a surgical technologist out in the field in the community. After viewing the assessment, I was a little surprised at the low scores on the first lab check off for some students from 2022.

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

This information is shared throughout the course with departmental faculty.

4.

Intended Change(s)

Intended Change	Description of the change	Rationale	Implementation Date
Outcome Language	For Outcome 3, the language should state that 80% of the students will score a 75% or higher for this outcome.	Right now, it states 90% of the students will score an 85% or higher for this outcome which is unrealistic for a first skills check off.	2024

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

No further actions to mention.

III. Attached Files

[SUR 110 2023, 2022, 2021 assessment data](#)

Faculty/Preparer: Keith Pellerito **Date:** 02/01/2024

Department Chair: Kristina Sprague **Date:** 02/05/2024

Dean: Shari Lambert **Date:** 02/27/2024

Assessment Committee Chair: Jessica Hale **Date:** 11/21/2024