

**Course Assessment Report  
Washtenaw Community College**

Discipline	Course Number	Title
Surgical Technology	231	SUR 231 09/28/2023- Clinical Education I
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?

Yes

This course was assessed in Fall 2020.

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

Students did well during their first rotation of clinical.

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

Update the standards of success to read: 80% of students will score 4 (out of 5) or higher.

This aligns better with the rubrics being used to score the tools. The implementation date was for Fall 2022.

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

Outcome 1: Demonstrate techniques of opening and preparing supplies and instruments needed for any operative procedure.

- Assessment Plan
  - Assessment Tool: Preceptor evaluation tool
  - Assessment Date: Fall 2025
  - 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 4 (out of 5) or higher on all skills.
- 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		

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

# of students enrolled	# of students assessed
14	12

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.

Out of the 14 students enrolled, 12 students were assessed for this outcome. Two of the students enrolled dropped the course due to child care issues.

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.

Students assessed for this outcome met at various clinical sites and on various days during the day.

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

All students were assessed using a preceptor evaluation tool with a scored range of 0-5. This tool evaluated students' clinical skills related to their clinical sites.

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  
100% of the students assessed scored a 5 out of 5 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 well maintaining sterility and demonstrating opening and preparing supplies and instruments 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.

We will continue to monitor students at their clinical sites to make sure their skills are kept up.

**Outcome 2: Demonstrate the surgical technologist's role in caring for the surgical patient.**

- **Assessment Plan**
  - Assessment Tool: Skills checklist
  - Assessment Date: Fall 2025
  - 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 4 (out of 5) 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		

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

# of students enrolled	# of students assessed
14	12

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.

Out of the 14 students enrolled, 12 students were assessed for this outcome. Two of the students enrolled dropped the course due to child care issues.

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.

Students assessed met at various clinical sites on various days during the day.

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

All students were assessed using a preceptor evaluation tool with a scored range of 0-5. This tool evaluated students' clinical skills related to their clinical sites.

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

100% of students assessed scored a 5 out of 5 for this outcome.

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

Students did well demonstrating surgical care for the patient during the surgical procedures. They were great patient advocates during the time-outs, helping to move the patient back to the stretcher from the O.R. bed after the procedure in a manner that helped keep the patient safe.

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 will continue to monitor the patient during their clinical rotation to make sure they are doing what they are supposed to be doing in their role and let them know we are there for them if needed.

### **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.

The students did well with the changes made. We were already doing this, but the wording seemed to align better with the rubrics being used to score the tools.

- 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?

There was not anything that really surprised me. I was proud that they did such a great job and took care of these patients with surgical consciousness.

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

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

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Intended Change(s)

Intended Change	Description of the change	Rationale	Implementation Date
Assessment Tool	Updating outcome 1 standard of success	Adding "on all skills" to standard. "80% of students will score 4 (out of 5) or higher on all skills"	2024

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

6.

### III. Attached Files

[SUR 231 Fall 2022](#)

**Faculty/Preparer:** Kathryn Walker **Date:** 10/04/2023  
**Department Chair:** Kristina Sprague **Date:** 10/10/2023  
**Dean:** Shari Lambert **Date:** 11/20/2023  
**Assessment Committee Chair:** Jessica Hale **Date:** 02/22/2024

**Course Assessment Report  
Washtenaw Community College**

Discipline	Course Number	Title
Surgical Technology	231	SUR 231 10/26/2021- Clinical Education I
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?

Yes

2019

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

All students met the standard of success for both outcomes. Students did well with the techniques of opening and preparing supplies/instruments for surgical procedures as well as caring for the patient post procedure.

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

No changes were suggested.

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

Outcome 1: Demonstrate techniques of opening and preparing supplies and instruments needed for any operative procedure.

- Assessment Plan
  - Assessment Tool: preceptor evaluation tool
  - Assessment Date: Spring/Summer 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 on this outcome based assessment.
- 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		

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

# of students enrolled	# of students assessed
11	11

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.

All students were assessed at various clinical sites on various shifts.

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

All students were assessed using a preceptor evaluation tool with a scored range of 0-5. This tool evaluated students' clinical skills related to their clinical sites.

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 met the standard of success 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 performed well with the techniques of opening and preparing supplies/instruments for surgical procedures as well as caring for the patient post-procedure.

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 will continue to visit the students at the clinical sites and hold open lab for any students needing extra practice for clinical skills requiring sterile technique.

Outcome 2: Demonstrate the surgical technologist role in caring for the surgical patient.

- Assessment Plan
  - Assessment Tool: skills checklist
  - Assessment Date: Spring/Summer 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 on this outcome based assessment.
  - 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		

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

# of students enrolled	# of students assessed
11	11

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.



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.

Students were assessed at their various clinical sites on various shifts.

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

Preceptors at various clinical sites used a skills checklist to evaluate students. Skills were scored using a 1-5 range with 1 being the lowest score and 5 being the highest score.

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 met the standard of success for this outcome.

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

Students demonstrated knowledge of their role within the operating room managing patient care and maintaining sterile technique as expected. They took great care of their patients post-operatively.

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 will continue to speak with preceptors at various clinical sites and keep open lab for students in need of extra practice.

### 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 changes intended.

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?

There were no surprises with regards to the students at the clinical sites in the operating rooms. This course meets the needs of the students by giving them real-life experience in the operating room at various clinical sites.

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

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

4. Intended Change(s)

Intended Change	Description of the change	Rationale	Implementation Date
Other: standard of success	Update the standards of success to read: 80% of students will score 4 (out of 5) or higher.	This aligns better with the rubrics being used to score the tools.	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](#)

**Faculty/Preparer:** Keith Pellerito **Date:** 11/01/2021

**Department Chair:** Kristina Sprague **Date:** 11/05/2021

**Dean:** Shari Lambert **Date:** 11/12/2021

**Assessment Committee Chair:** Shawn Deron **Date:** 06/15/2022

**Course Assessment Report**  
**Washtenaw Community College**

Discipline	Course Number	Title
Surgical Technology	231	SUR 231 01/28/2020- Clinical Education I
Division	Department	Faculty Preparer
Health Sciences	Allied Health	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?

Yes  
This course was assessed Fall of 2018.

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

All students assessed did very well.

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

There were no intended changes.

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

Outcome 1: Demonstrate techniques of opening and preparing supplies and instruments needed for any operative procedure.

- Assessment Plan
  - Assessment Tool: preceptor evaluation tool
  - Assessment Date: Spring/Summer 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 on this outcome based assessment.

- 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)
2019		

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

# of students enrolled	# of students assessed
12	12

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.

Students were assessed at various clinical sites twice 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.

Students were assessed by their preceptors using a preceptor form and graded with a rubric with points attached.

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 12 students assessed, 100% of them scored an 80% or higher for this outcome, thus 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.

Students did well on opening and preparing for surgical procedures sterilely. They made sure they had everything needed on the surgeon's preference card for the procedure.

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 will continue to hold open lab and do mock surgical cases to help ensure success for the students while they are out at clinical.

Outcome 2: Demonstrate the surgical technologist role in caring for the surgical patient.

- Assessment Plan
  - Assessment Tool: skills checklist
  - Assessment Date: Spring/Summer 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 on this outcome based assessment.
  - 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)
2019		

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

# of students enrolled	# of students assessed
12	12

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 were assessed at various clinical sites twice 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 students were assessed by their preceptor using a skills checklist and graded by a rubric with points attached.

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 12 students assessed, 100% of them scored an 80% or higher for this outcome, thus 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.

Students did well staying by the patient once the procedure was finished to be of comfort to that patient. They also did well speaking up if they thought something was wrong.

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 will continue to hold open lab and do mock surgical cases to help ensure the professionalism and success of each student out at clinical.

### 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 intended changes.

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?

There was nothing that really surprised me for these outcomes.

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 through the course.

4.

Intended Change(s)

Intended Change	Description of the change	Rationale	Implementation Date
No changes intended.			

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

6.

### III. Attached Files

[SUR 231 Fall 2019 Data](#)

**Faculty/Preparer:** Kathryn Hernandez **Date:** 01/28/2020  
**Department Chair:** Kristina Sprague **Date:** 01/29/2020  
**Dean:** Valerie Greaves **Date:** 01/30/2020  
**Assessment Committee Chair:** Shawn Deron **Date:** 03/03/2020

**Course Assessment Report**  
**Washtenaw Community College**

Discipline	Course Number	Title
Surgical Technology	231	SUR 231 12/12/2018- Clinical Education I
Division	Department	Faculty Preparer
Health Sciences	Allied Health	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: Demonstrate techniques of opening and preparing supplies and instruments needed for any operative procedure.

- Assessment Plan
  - Assessment Tool: preceptor evaluation tool
  - Assessment Date: Spring/Summer 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 on this outcome based assessment.



- 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)
2018, 2017, 2016		

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

# of students enrolled	# of students assessed
26	26

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.

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 were assessed at various clinical sites.

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 preceptor evaluation sheet and is scored using a rubric with points attached for each skill. The rubric is scored using a scale of 0-5 (0 not proficient, 5 exceeding expectations)

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 scored an 80% 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 at the clinical sites did very well opening an Operating Room, getting surgical instruments ready and opening supplies 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 do mock surgical procedures to make sure they are completely skilled enough to go out to clinical sites.

Outcome 2: Demonstrate the surgical technologist role in caring for the surgical patient.

- Assessment Plan
  - Assessment Tool: skills checklist
  - 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 on this outcome based assessment.
  - 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)
2018, 2017, 2016		

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

# of students enrolled	# of students assessed
26	26

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.

All students were assessed at various clinical sites.

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 a skills checklist scored by a rubric at the clinical sites by the clinical instructors. The rubric was scored using a scale of 0-5 (0=not proficient, 5=exceeding expectations)

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 scored an 80% or higher on 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 well in caring for the surgical patient before, during, and after the procedure is complete.

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 will continue to do mock surgical procedures from beginning to end to allow students to keep up on their skills, empathy, professionalism in caring for the surgical patient.

### 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.

N/A

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?

I am happy with how well the students have been doing at their clinical sites. This course meets the needs of the students by placing them in the Operating Room to put those skills into action.

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 during monthly meetings and throughout the clinical semester.

4. Intended Change(s)

Intended Change	Description of the change	Rationale	Implementation Date
No changes intended.			

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

6.

### III. Attached Files

[SUR 231 FALL 2017 course assessment](#)

[SUR 231 Fall 2018 course assessment](#)

[SUR 231 Fall 2016 course assessment](#)

**Faculty/Preparer:** Kathryn Hernandez **Date:** 12/12/2018  
**Department Chair:** Kristina Sprague **Date:** 12/14/2018  
**Dean:** Valerie Greaves **Date:** 01/01/2019  
**Assessment Committee Chair:** Shawn Deron **Date:** 03/12/2019