

**Course Assessment Report  
Washtenaw Community College**

Discipline	Course Number	Title
Surgical Technology	241	SUR 241 07/26/2019- Clinical Education II
Division	Department	Faculty Preparer
Health Sciences	Allied Health	Kathryn Hernandez
Date of Last Filed Assessment Report	02/21/2019	

**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 Winter 2018.

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

All students assessed were 100% successful in this course.

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

There were no intended action plans.

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

Outcome 1: Exhibit proficiencies required for an entry level surgical technologist position in the operating room or surgical setting.

- Assessment Plan
  - Assessment Tool: preceptor evaluation tool
  - 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)
	2019	

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

# of students enrolled	# of students assessed
10	10

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 assessed in this course met F2F 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 tools used were preceptor forms/rubric scored on a 0-5 scale.

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 enrolled in this course scored 100%, 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.

The students did very well in knowing their role as a Surgical Technologist and showing thier proficiency during surgical procedures and patient care.

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.

My plan for continuous improvement is to keep observing students at their clinical sites and offering open lab to help them maintain their skills.

Outcome 2: Utilize sterile technique as measured by recognized breaks in technique and demonstrate knowledge of how to correct with appropriate technique.

- Assessment Plan
  - Assessment Tool: preceptor evaluation tool
  - 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)
	2019	

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

# of students enrolled	# of students assessed
10	10

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 assessed met F2F 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 tools used were preceptor forms/rubric scored on a 0-5 scale.

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 100% 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 at their clinical sites in recognizing any breaks in sterile technique they committed and were able to correct them before the procedure started.

Students also did well in speaking up if they saw another person in the room break sterile technique.

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 observe students at their clinical sites and offer open lab to help maintain their skills.

Outcome 3: Solve patient safety concerns during surgical case management.

- Assessment Plan
  - Assessment Tool: preceptor evaluation tools
  - 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)
	2019	

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

# of students enrolled	# of students assessed
10	10

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 assessed met F2F 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 tools used were preceptor forms/rubric scored on a 0-5 scale.

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 100% 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.

The students did well with speaking up if they noticed a safety concern during a surgical procedure and relayed that concern to their preceptor and to the

surgeon. Most of them even offered a solution in the form of a question to avoid agitating the surgeon.

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 observe students at their clinical sites and offer open lab to keep up their skills.

### 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.

I do not believe there were any 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?

This course meets the needs of the students by placing them in real life surgical procedures.

They have to know what they are doing in a surgical setting. This helps them become a competent surgical technologist.

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
No changes intended.			

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

6.

### III. Attached Files

#### [SUR 241 Course Data](#)

<b>Faculty/Preparer:</b>	Kathryn Hernandez	<b>Date:</b> 07/26/2019
<b>Department Chair:</b>	Kristina Sprague	<b>Date:</b> 07/26/2019
<b>Dean:</b>	Valerie Greaves	<b>Date:</b> 07/29/2019
<b>Assessment Committee Chair:</b>	Shawn Deron	<b>Date:</b> 08/29/2019

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

Discipline	Course Number	Title
Surgical Technology	241	SUR 241 12/12/2018- Clinical Education II
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: Exhibit proficiencies required for an entry level surgical technologist position in the operating room or surgical setting.

- Assessment Plan
  - Assessment Tool: preceptor evaluation tool
  - 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)
	2017, 2018	

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

# of students enrolled	# of students assessed
16	16

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 assessment tool used was a preceptor form scored using a rubric that has points attached for each skill assessed. The rubric is scored using a 0-5 scale (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.

Students did very well on their profeciencies for an entry level position as a surgical technologist in the operating room. One of the biggest strengths was making sure that everything and everyone within the sterile field, stayed sterile.

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 in lab so that students will be able to continously recognize sterile technique and breaks within that technique to keep the surgical patient safe from infection

Outcome 2: Utilize sterile technique as measured by recognized breaks in technique and demonstrate knowledge of how to correct with appropriate technique.

- Assessment Plan
  - Assessment Tool: preceptor evaluation tool
  - 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)
	2018, 2017	

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

# of students enrolled	# of students assessed
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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 assessment tool used was a preceptor form scored using a rubric that has points attached for each skill assessed. The rubric is scored using a 0-5 scale (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.

One of the biggest strengths was making sure that everything and everyone within the sterile field, stayed sterile while recognizing breaks in techniques, and speaking up to correct those breaks.

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 in lab so that students

will be able to continuously recognize sterile technique and breaks within that technique to keep the surgical patient safe from infection during the procedure.

Outcome 3: Solve patient safety concerns during surgical case management.

- Assessment Plan
  - Assessment Tool: preceptor evaluation tools
  - 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)
	2018, 2017	

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

# of students enrolled	# of students assessed
16	16

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 assessment tool used was a preceptor form scored using a rubric that has points attached for each skill assessed. The rubric is scored using a 0-5 scale (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.

Students did well solving patient safety concerns by speaking up when electrocautery was going to be used, waiting until skin prep was dry before draping, and participating in the time-out. All of these things help keep the patient safe from fire, infection, and making sure we have the correct procedure, correct patient, right side, and if the patient has any allergies to be aware of.

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 in lab so that students will be able to continuously recognize sterile technique and breaks within that technique to keep the surgical patient safe from infection, and how to recognize and solve patient safety concerns.

### 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.

2.

3. 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 placing them in a second rotation for clinical. This allows the students to assist the surgeon more before, during, and after the procedure without having a preceptor to help them with most of the work. The students become very competent in their role as a surgical technologist during this clinical rotation, which allows them to be ready to hire.

4. 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 during the clinical rotation.

5. Intended Change(s)

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

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

7.

### III. Attached Files

[SUR 241 WI 2018 Cours Assessment](#)  
[SUR 241 Winter 2017 Course Assessment](#)

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