

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