

**Course Assessment Report
Washtenaw Community College**

Discipline	Course Number	Title
Surgical Technology	250	SUR 250 09/28/2023- Surgical Technology Seminar
College	Division	Department
	Health Sciences	Allied Health
Faculty Preparer		Kathryn Walker
Date of Last Filed Assessment Report		02/19/2019

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 2020.

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

Most of the students did pretty well on their certification exam.

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

1. The assessment tool at the time was the certification exam, but not every student sits as a class, so the AST practice exam was a better tool utilized at the time.

2. Course Materials needed to be added such as handouts regarding surgical pharmacology and sterilization since the students did not do so well on those particular areas when sitting for their exam.

3. The standard of success had been changed to better reflect that of the Certification exam. The score is 102/175 instead of the previous 119/175 score.

All of these were implemented for Winter 2021.

II. Assessment Results per Student Learning Outcome

Outcome 1: Pass the Association of Surgical Technology (AST) Practice Exam.

- Assessment Plan
 - Assessment Tool: AST Practice Exam
 - Assessment Date: Winter 2023
 - 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 102 (of 175) points or higher needed to pass the exam
 - 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
25	37

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.

I am assessing Winter 2021, 2022, and 2023. Winter 2023 did not show up on curricunet, but I have the data for it. There was a returning student from 2021 to 2022.

2021 total: 10 students

2022 total: 15 students

2023 total: 12 students

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 during the day one day a week on zoom to go over material for the certification exam.

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 the certification practice exam scored using 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

84% (31/37) of the students scored 102 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.

Most of the students did well on their national certification exam showing their level of understanding Surgical Technology as it pertains to the Surgical Patient.

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 sessions on zoom so that students can go through procedural questions and play games to help keep their information fresh in their head before sitting for the cert exam.

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 intended changes were implemented and seem to be supporting student success in the class.

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 preparing them to successfully complete and pass their national certification exam in order to obtain a good position in the operating room as a 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 to help keep our students successful.

4. Intended Change(s)

Intended Change	Description of the change	Rationale	Implementation Date
Assessment Tool	We are now able to use the Certification exam results as data for this outcome. The assessment tool will be updated to reflect this.	AST sends me the certification exam results right after graduation so we are able to use it as data.	2024

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

6.

III. Attached Files

[SUR 250 W2021](#)
[SUR W2022](#)
[SUR 250 W2023](#)

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:** 07/21/2024

**Course Assessment Report
Washtenaw Community College**

Discipline	Course Number	Title
Surgical Technology	250	SUR 250 11/18/2020- Surgical Technology Seminar
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 in Winter 2019.

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

All students assessed scored higher than a 119 out of 175 questions that was needed to meet the standard of success.

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: Pass the National Certification Examination for surgical technologists.

- Assessment Plan
 - Assessment Tool: Surgical Technologist National Certification Exam
 - Assessment Date: Fall 2016
 - Course section(s)/other population: all sections
 - Number students to be assessed: all students
 - How the assessment will be scored: external evaluation

- Standard of success to be used for this assessment: 100% of students will score 119 (of 175) points or higher needed to pass the exam
- 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
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 on campus F2F once a week for this course.

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 Association of Surgical Technology (AST) Practice Certification Exam done through Blackboard.

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
 80% of the students scored 119 or higher, thus not meeting our 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 understanding and recalling information regarding surgical procedures and understanding how to break down questions in order to answer them correctly.

- 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.

Although most of the students were successful in this course, we noticed that we may need to go over sterilization and pharmacology a little more with them. We would like their scores to be a little higher in that area.

III. Course Summary and Intended Changes Based on Assessment Results

- 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.

- 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 preparing them to successfully complete and pass their national certification exam in order to obtain a good position in the operating room as a surgical technologist.

- 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 to help keep our students successful.

- Intended Change(s)

Intended Change	Description of the change	Rationale	Implementation Date
Assessment Tool	The AST Practice Exam is currently being used as the assessment tool instead of the National Certification Exam.	Students do not necessarily sit for the exam as a class any longer, so the previous tool is not as useful for understanding the effectiveness of the	2020

		course. The practice exam has been integrated into Blackboard and allows us to look at the class as a whole and identify areas for improvement in student learning.	
Course Materials (e.g. textbooks, handouts, on-line ancillaries)	Add course material/emphasis on sterilization and pharmacology.	The current assessment report suggests the course needs additional emphasis on these areas.	2021
Other: Standard of success	Update the standard of success to: 80% of students will score 102 (of 175) points or higher needed to pass the exam.	The current standard of success (100% of students pass) is not realistic. In addition, the practice exam requires a score of 102/175 to pass, not a 119.	2021

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

6.

III. Attached Files

[SUR 250 2020 Course Assessment](#)

Faculty/Preparer: Kathryn Hernandez **Date:** 11/18/2020
Department Chair: Kristina Sprague **Date:** 11/19/2020
Dean: Valerie Greaves **Date:** 11/20/2020
Assessment Committee Chair: Shawn Deron **Date:** 02/10/2021

**Course Assessment Report
Washtenaw Community College**

Discipline	Course Number	Title
Surgical Technology	250	SUR 250 07/26/2019- Surgical Technology Seminar
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?

<p>Yes</p> <p>This course was assessed in Winter 2018.</p>
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2. Briefly describe the results of previous assessment report(s).

<p>All students assessed scored higher than a 119 out of 175 questions that was needed to meet the standard of student success.</p>

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

<p>There were no planned changes to this course.</p>
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II. Assessment Results per Student Learning Outcome

Outcome 1: Pass the National Certification Examination for surgical technologists.

- Assessment Plan
 - Assessment Tool: Surgical Technologist National Certification Exam
 - Assessment Date: Fall 2016
 - Course section(s)/other population: all sections
 - Number students to be assessed: all students
 - How the assessment will be scored: external evaluation

- Standard of success to be used for this assessment: 100% of students will score 119 (of 175) points or higher needed to pass the exam
- 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 on campus F2F once a week for this course.

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 AST Practice Certification Exam administered through Blackboard.

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 a 119 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.

The students did very well in understanding and recalling information regarding surgical procedures and understanding how to break down questions in order to answer them correctly.

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.

Although students were successful in this course, we noticed that we may need to go over post-operative patient care a little more with them. We would like their scores to be a little higher in that area.

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 preparing them to successfully complete and pass their national certification exam in order to obtain a good position in the operating room as a 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 to help keep our students successful.

4. Intended Change(s)

Intended Change	Description of the change	Rationale	Implementation Date
Course Materials (e.g. textbooks, handouts, on-line ancillaries)	Cover post-operative patient care in more detail.	We would like to see higher student scores in this area.	2019

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

6.

III. Attached Files

[SUR 250 2019 Course Assessment](#)

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

**Course Assessment Report
Washtenaw Community College**

Discipline	Course Number	Title
Surgical Technology	250	SUR 250 11/19/2018- Surgical Technology Seminar
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: Pass the National Certification Examination for surgical technologists.

- Assessment Plan
 - Assessment Tool: Surgical Technologist National Certification Exam
 - Assessment Date: Fall 2016
 - Course section(s)/other population: all sections
 - Number students to be assessed: all students
 - How the assessment will be scored: external evaluation
 - Standard of success to be used for this assessment: 100% of students will score 119 (of 175) points or higher needed to pass the exam

- 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	

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

# of students enrolled	# of students assessed
7	7

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 from 2018 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.

Only one section of SUR 250 was offered; it met face-to-face on campus.

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 the National Certification Exam through NBSTSA. For 2018, we have notification from NBSTSA that 100% of the students passed the certification exam. Unfortunately, we do not receive individual scores.

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 119 or higher on the National Certification Exam. 100% of the students from 2018 passed the National Certification Exam. From the information we receive from NBSTSA, we only know how many students passed the national exam. From that, we can determine how many students earned a score of 119 or higher. Individual student scores are not provided. No documentation was available to attach to this report.

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

All students assessed did really well on surgical procedures, accreditation, pharmacology, anatomy, and medical terminology.

- 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, I will continue to review all information needed in order for the students to continuously be successful when taking the National Certification Exam.

III. Course Summary and Intended Changes Based on Assessment Results

- 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.

- 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 very happy with how well the students have been doing on their National Certification Exam.

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

This information is shared every year with the department faculty after we have received the students' scores from the certifying body (NBSTSA).

- Intended Change(s)

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

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

7.

III. Attached Files

Faculty/Preparer:	Kathryn Hernandez	Date: 11/27/2018
Department Chair:	Kristina Sprague	Date: 12/05/2018
Dean:	Valerie Greaves	Date: 12/06/2018
Assessment Committee Chair:	Shawn Deron	Date: 02/18/2019