

Washtenaw Community College Comprehensive Report

SUR 110 Introduction to Surgical Technology/Surgical Patient Effective Term: Winter 2025

Course Cover

College: Health Sciences

Division: Health Sciences

Department: Allied Health

Discipline: Surgical Technology

Course Number: 110

Org Number: 15320

Full Course Title: Introduction to Surgical Technology/Surgical Patient

Transcript Title: Intro. Surg. Tech./Patient

Is Consultation with other department(s) required: No

Publish in the Following: College Catalog , Time Schedule , Web Page

Reason for Submission: Three Year Review / Assessment Report

Change Information:

Pre-requisite, co-requisite, or enrollment restrictions

Rationale: Pre-requisite added. No other changes.

Proposed Start Semester: Winter 2024

Course Description: In this course, students will examine legal concepts and ethical issues relating to surgical patients as well as the physical environment of the operating room (OR), safety standards, hazards, and disease transmission. Surgical conscience and its application, along with components of effective surgical teamwork are discussed. In the lab environment, students will learn, practice and be evaluated on essential skills required during surgical case management. Students will identify related professional organizations and examine the various roles and job description of a surgical technologist.

Course Credit Hours

Variable hours: Yes

Credits: 0 – 5

Lecture Hours: Instructor: 45 **Student:** 45

Lab: Instructor: 60 **Student:** 60

Clinical: Instructor: 0 **Student:** 0

Total Contact Hours: Instructor: 0 to 105 **Student:** 0 to 105

Repeatable for Credit: NO

Grading Methods: Letter Grades

Audit

Are lectures, labs, or clinicals offered as separate sections?: YES (separate sections)

College-Level Reading and Writing

College-level Reading & Writing

College-Level Math

Requisites

Prerequisite

Admission to Surgical Technology program
and

Prerequisite

SUR 101 minimum grade "C+"

General Education**Request Course Transfer****Proposed For:****Student Learning Outcomes**

1. Identify the role and function of a surgical technologist.

Assessment 1

Assessment Tool: Outcome-related multiple-choice embedded exam questions

Assessment Date: Spring/Summer 2024

Assessment Cycle: Every Three Years

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

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

Assessment 1

Assessment Tool: Outcome-related multiple-choice embedded exam questions

Assessment Date: Spring/Summer 2024

Assessment Cycle: Every Three Years

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

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

Assessment 1

Assessment Tool: Skills checklist

Assessment Date: Spring/Summer 2024

Assessment Cycle: Every Three Years

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

Course Objectives

1. Identify the various roles/duties of surgical technologists in preoperative surgical case management such as OR attire, preoperative physical preparation of the patient, patient identification, surgical consent, chart review, assistant in the circulator role, and transportation.
2. Demonstrate the various surgical case management tasks of the surgical technologist such as asepsis, sterile technique, hand hygiene, surgical scrub, and instrument and equipment identification.
3. Compare and contrast the needs of special patient populations requiring surgical intervention.
4. Demonstrate proficiency in aseptic technique.

5. Differentiate basic instruments by type, function, and name, and demonstrate the proper usage of general instrumentation and supplies.
6. Demonstrate skills and competencies of perioperative surgical case management in OR attire, basic hand wash, surgical technologist in the scrub role, open and close glove techniques, gowning and gloving self, gowning and gloving others, and in the assistant circulator role.
7. Discuss the personal and professional characteristics of the surgical technologist such as professional management, employability skills, communication skills and teamwork.
8. Identify the working environment of the surgical technologist such as the varies healthcare facility organization and management, the physical environment and all-hazards preparation.
9. Distinguish and assess the physical, spiritual, and bio-psychological needs of a patient, including death and dying.
10. Interpret the legal issues and responsibilities of the surgical technologist and other OR team members such as ethical and moral issues, as well as documentation and risk management.
11. Identify the surgical technologist professional organizations.

New Resources for Course

Course Textbooks/Resources

Textbooks
Manuals
Periodicals
Software

Equipment/Facilities

Level III classroom
Computer workstations/lab

<u>Reviewer</u>	<u>Action</u>	<u>Date</u>
Faculty Preparer: <i>Kathryn Walker</i>	<i>Faculty Preparer</i>	<i>Sep 17, 2023</i>
Department Chair/Area Director: <i>Kristina Sprague</i>	<i>Recommend Approval</i>	<i>Oct 30, 2023</i>
Dean: <i>Shari Lambert</i>	<i>Recommend Approval</i>	<i>Nov 20, 2023</i>
Curriculum Committee Chair: <i>Randy Van Wagnen</i>	<i>Recommend Approval</i>	<i>Apr 03, 2024</i>
Assessment Committee Chair: <i>Jessica Hale</i>	<i>Recommend Approval</i>	<i>Apr 10, 2024</i>
Vice President for Instruction: <i>Brandon Tucker</i>	<i>Approve</i>	<i>Apr 16, 2024</i>

Washtenaw Community College Comprehensive Report

SUR 110 Introduction to Surgical Technology/Surgical Patient Effective Term: Spring/Summer 2020

Course Cover

Division: Health Sciences

Department: Allied Health

Discipline: Surgical Technology

Course Number: 110

Org Number: 15320

Full Course Title: Introduction to Surgical Technology/Surgical Patient

Transcript Title: Intro. Surg. Tech./Patient

Is Consultation with other department(s) required: No

Publish in the Following: College Catalog , Time Schedule , Web Page

Reason for Submission: Three Year Review / Assessment Report

Change Information:

Consultation with all departments affected by this course is required.

Credit hours

Pre-requisite, co-requisite, or enrollment restrictions

Rationale: Three year update.

Proposed Start Semester: Winter 2020

Course Description: In this course, students will examine legal concepts and ethical issues relating to surgical patients as well as the physical environment of the Operating Room (OR), safety standards, hazards, and disease transmission. Surgical conscience and its application, along with components of effective surgical teamwork are discussed. In the lab environment, students will learn, practice and be evaluated on essential skills required during surgical case management. Students will identify related professional organizations and examine the various roles and job description of a surgical technologist.

Course Credit Hours

Variable hours: Yes

Credits: 0 – 5

Lecture Hours: Instructor: 45 **Student:** 45

Lab: Instructor: 60 **Student:** 60

Clinical: Instructor: 0 **Student:** 0

Total Contact Hours: Instructor: 0 to 105 **Student:** 0 to 105

Repeatable for Credit: NO

Grading Methods: Letter Grades

Audit

Are lectures, labs, or clinicals offered as separate sections?: YES (separate sections)

College-Level Reading and Writing

College-level Reading & Writing

College-Level Math

Requisites

Prerequisite

Admission to Surgical Technology program

General Education

Request Course Transfer

Proposed For:

Student Learning Outcomes

1. Identify the role and function of a surgical technologist.

Assessment 1

Assessment Tool: Embedded multiple-choice questions on exam

Assessment Date: Fall 2020

Assessment Cycle: Every Three Years

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

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

Assessment 1

Assessment Tool: Embedded multiple-choice questions on exams

Assessment Date: Fall 2020

Assessment Cycle: Every Three Years

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

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

Assessment 1

Assessment Tool: Skills checklist

Assessment Date: Fall 2020

Assessment Cycle: Every Three Years

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

Course Objectives

1. Identify the various roles/duties of surgical technologists in preoperative surgical case management such as OR attire, preoperative physical preparation of the patient, patient identification, surgical consent, chart review, assistant in the circulator role, and transportation.
2. Demonstrate the various surgical case management tasks of the surgical technologist such as asepsis, sterile technique, hand hygiene, surgical scrub, and instrument and equipment identification.
3. Compare and contrast the needs of special patient populations requiring surgical intervention.
4. Demonstrate proficiency in aseptic technique.
5. Differentiate basic instruments by type, function, and name, and demonstrate the proper usage of general instrumentation and supplies.

6. Demonstrate skills and competencies of perioperative surgical case management in OR attire, basic hand wash, surgical technologist in the scrub role, open and close glove techniques, gowning and gloving self, gowning and gloving others, and in the assistant circulator role.
7. Discuss the personal and professional characteristics of the surgical technologist such as professional management, employability skills, communication skills and teamwork.
8. Identify the working environment of the surgical technologist such as the varies healthcare facility organization and management, the physical environment and all-hazards preparation.
9. Distinguish and assess the physical, spiritual, and bio-psychological needs of a patient, including death and dying.
10. Interpret the legal issues and responsibilities of the surgical technologist and other OR team members such as ethical and moral issues, and documentation and risk management.
11. Describe the surgical technologist professional organizations.

New Resources for Course

Course Textbooks/Resources

Textbooks
Manuals
Periodicals
Software

Equipment/Facilities

Level III classroom
Computer workstations/lab

<u>Reviewer</u>	<u>Action</u>	<u>Date</u>
Faculty Preparer: <i>Elizabeth Connors</i>	<i>Faculty Preparer</i>	<i>Aug 19, 2019</i>
Department Chair/Area Director: <i>Kristina Sprague</i>	<i>Recommend Approval</i>	<i>Aug 29, 2019</i>
Dean: <i>Valerie Greaves</i>	<i>Recommend Approval</i>	<i>Sep 09, 2019</i>
Curriculum Committee Chair: <i>Lisa Veasey</i>	<i>Recommend Approval</i>	<i>Oct 04, 2019</i>
Assessment Committee Chair: <i>Shawn Deron</i>	<i>Recommend Approval</i>	<i>Oct 10, 2019</i>
Vice President for Instruction: <i>Kimberly Hurns</i>	<i>Approve</i>	<i>Oct 14, 2019</i>

Washtenaw Community College Comprehensive Report

SUR 110 Introduction to Surgical Technology/Surgical Patient Effective Term: Spring/Summer 2015

Course Cover

Division: Math, Science and Health

Department: Allied Health

Discipline: Surgical Technology

Course Number: 110

Org Number: 15320

Full Course Title: Introduction to Surgical Technology/Surgical Patient

Transcript Title: Intro. Surg. Tech./Patient

Is Consultation with other department(s) required: No

Publish in the Following: College Catalog , Time Schedule , Web Page

Reason for Submission: Course Change

Change Information:

Consultation with all departments affected by this course is required.

Objectives/Evaluation

Rationale: Accreditation requires specific language be included in every master syllabus.

Proposed Start Semester: Winter 2015

Course Description: In this course, students will examine legal concepts and ethical issues relating to the surgical patients as well as the physical environment of the OR, safety standards, hazards, and disease transmission. Surgical conscience and its application, along with components of effective surgical teamwork are discussed. In the lab environment, students will learn, practice and be evaluated on essential skills required during surgical case management. Students will identify related professional organizations, and examine the various roles and job description of a surgical technologist.

Course Credit Hours

Variable hours: Yes

Credits: 0 – 5

Lecture Hours: Instructor: 45 **Student:** 45

Lab: Instructor: 60 **Student:** 60

Clinical: Instructor: 0 **Student:** 0

Total Contact Hours: Instructor: 0 to 105 **Student:** 0 to 105

Repeatable for Credit: NO

Grading Methods: Letter Grades

Audit

Are lectures, labs, or clinicals offered as separate sections?: YES (separate sections)

College-Level Reading and Writing

College-level Reading & Writing

College-Level Math

Requisites

Prerequisite

Admission to the Surgical Technology Program.

General Education

Request Course Transfer

Proposed For:

Student Learning Outcomes

1. Identify the role and function of a surgical technologist.

Assessment 1

Assessment Tool: embedded multiple-choice questions on exam

Assessment Date: Spring/Summer 2016

Assessment Cycle: Every Three Years

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

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

Assessment 1

Assessment Tool: Embedded multiple-choice questions on exams

Assessment Date: Spring/Summer 2016

Assessment Cycle: Every Three Years

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

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

Assessment 1

Assessment Tool: Skills checklist

Assessment Date: Spring/Summer 2016

Assessment Cycle: Every Three Years

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

Course Objectives

1. Identify the various roles/duties of the surgical technologists in Preoperative Surgical Case Management such as, OR Attire, Preoperative Physical Preparation of the Patient, Patient identification and Surgical Consent, chart review, assistant in the circulator role, and transportation.

Matched Outcomes

2. Demonstrate the various surgical case management tasks of the surgical technologist such as: Asepsis and sterile technique, Hand Hygiene and Surgical Scrub, instrument and equipment identification.

Matched Outcomes

3. Compare and contrast the needs of special patient populations requiring surgical intervention.

Matched Outcomes

4. Demonstrate proficiency in aseptic technique.

Matched Outcomes

5. Differentiate basic instruments by type, function, and name, and demonstrate the proper

usage of general instrumentation and supplies.

Matched Outcomes

6. Demonstrate skills and competencies of perioperative surgical case management in OR attire, basic hand wash, surgical technologist in the scrub role, open and close glove techniques, gown and glove self, gown and glove others and assistant circulator role.

Matched Outcomes

7. Discuss the personal and professional characteristics of the surgical technologist such as professional management, employability skills, communication skills and teamwork.

Matched Outcomes

8. Identify the working environment of the surgical technologist such as the varies healthcare facility organization and management, the physical environment and All-Hazards Preparation.

Matched Outcomes

9. Distinguish and assess the physical, spiritual, and bio-psychological needs of a patient, including death and dying.

Matched Outcomes

10. Interpret the legal issues and responsibilities of the surgical technologist and other OR team members such as Ethical and Moral Issues, and Documentation & Risk Management.

Matched Outcomes

11. Describe the Surgical Technologist professional organizations.

Matched Outcomes

New Resources for Course

Course Textbooks/Resources

Textbooks

Manuals

Periodicals

Software

Equipment/Facilities

Level III classroom

Computer workstations/lab

Reviewer

Action

Date

Faculty Preparer:

Paulette Woods-Ramsey

Faculty Preparer

Nov 21, 2014

Department Chair/Area Director:

Connie Foster

Recommend Approval

Nov 24, 2014

Dean:

Kristin Brandemuehl

Recommend Approval

Nov 25, 2014

Vice President for Instruction:

Bill Abernethy

Approve

Jan 23, 2015