

COURSE INFORMATION

COURSE PREFIX NO: SUR 105
COURSE TITLE: Surgical Procedures III
LECTURE HRS/WK: 4.0
LAB HRS/WK: 0.0
CREDIT HRS/SEMESTER: 4.0

[Distance Learning Attendance/VA Statement](#)
[Textbook Information](#)

COURSE DESCRIPTION

This course is a study of advanced specialties of surgical procedures. Surgical procedures in plastic and reconstructive, oral and maxillofacial, cardiothoracic and ophthalmic surgery will be covered in this course.

COURSE COMPETENCIES

MODULE 1: Plastic and Reconstructive Surgery

1. Recognize the relevant anatomy and physiology of the skin and its underlying tissues.
2. Recognize the immediate postoperative care and possible complications of the plastic/reconstructive procedures.
3. Summarize the pathology that prompts plastic/reconstructive surgical intervention and the related terminology.
4. Summarize the surgical steps of the plastic/reconstructive procedures.
5. Indicate the names and uses of plastic/reconstructive instruments, supplies, and drugs.
6. Indicate the names and uses of special equipment related to plastic and reconstructive surgery.
7. Interpret the purpose and expected outcomes of the plastic/reconstructive procedures.
8. Determine any special preoperative plastic/reconstructive diagnostic procedures/tests.
9. Determine any special preoperative preparation procedures related to plastic/reconstructive surgical procedures.
10. Determine the intraoperative preparation of the patient undergoing a plastic/reconstructive procedure.
11. Assess any specific variations related to the preoperative, intraoperative, and postoperative care of the plastic/reconstructive patient.

MODULE 2: Oral and Maxillofacial Surgery

1. Recognize the anatomy relevant to oral and maxillofacial surgery.
2. Recognize the immediate postoperative care and possible complications of oral and maxillofacial procedures.
3. Summarize the pathology that prompts oral and maxillofacial surgery and the related terminology.
4. Summarize the surgical steps of oral or maxillofacial procedures.
5. Indicate the names and uses of oral and maxillofacial instruments, supplies, and drugs.
6. Indicate the names and uses of special equipment used for oral and maxillofacial surgery.
7. Interpret the purpose and expected outcomes of oral and maxillofacial procedures.
8. Determine special preoperative diagnostic procedures/tests pertaining to oral and maxillofacial surgery.
9. Determine special preoperative preparation procedures related to oral and maxillofacial surgery.

10. Determine the intraoperative preparations of the patient undergoing an oral or maxillofacial procedure.
11. Assess any specific variations related to the preoperative, intraoperative, and postoperative care of the oral and maxillofacial surgical patient.

MODULE 3: Cardiothoracic Surgery

1. Recognize the relevant anatomy of the cardiovascular and respiratory systems.
2. Recognize the immediate postoperative care and possible complications of the cardiac and thoracic procedures.
3. Summarize the pathology that prompts cardiac or thoracic surgical intervention and the related terminology.
4. Summarize the surgical steps of the cardiac and thoracic procedures.
5. Indicate the names and uses of cardiovascular and thoracic instruments, supplies, and drugs.
6. Indicate the names and uses of special equipment for cardiac and thoracic procedures.
7. Interpret the purpose and expected outcomes of the cardiac and thoracic procedures.
8. Determine any special preoperative diagnostic procedures/tests for the patient undergoing cardiac or thoracic surgery.
9. Determine any special preoperative preparation procedures.
10. Determine the intraoperative preparation of the patient undergoing a cardiac or thoracic procedure.
11. Assess any specific variations related to the preoperative, intraoperative, and postoperative care of the patient undergoing a cardiac or thoracic procedure.

MODULE 4: Ophthalmic Surgery

1. Recognize the anatomy of the eye.
2. Recognize the immediate postoperative care and possible complications of the ophthalmic procedure.
3. Summarize the pathology that prompts surgical intervention of the eye and related terminology.
4. Summarize the surgical steps of ophthalmic procedures.
5. Indicate the names and uses of ophthalmic instruments, supplies, and drugs.
6. Indicate the names and uses of special equipment.
7. Interpret the purpose and expected outcomes of the ophthalmic procedure.
8. Determine any special preoperative ophthalmic diagnostic procedures/tests.
9. Determine any special preoperative preparation procedures.
10. Determine the intraoperative preparation of the patient undergoing an ophthalmic procedure.
11. Assess any specific variations related to the preoperative, intraoperative, and postoperative care of the ophthalmic patient.

MINIMAL STANDARDS

Students must have a final average of 80% or better in lecture and a final average of 80% or better in the laboratory component of this course. If either the lecture or the lab average is below 80%, the student will **not successfully complete** this course. The student must **earn a satisfactory final grade (80% or higher)** in this course to continue in the Surgical Technology Program.

COURSE REQUIREMENTS

In order to successfully complete SUR 105, the student is required to fulfill the following requirements:

1. Complete all reading assignments prior to class sessions.
2. Successfully complete all competency based exams, quizzes, projects and assignments with a minimum average grade of 80%.

EVALUATION STRATEGIES

Written Exams:

Each module will have a minimum of one (1) exam. All tests will be announced one (1) week prior to the exam date. The exam can be constructed with multiple choice questions, matching, fill-in-the-blank, essay (short essays) or class presentations/projects. **If a student will be absent on the day of the exam she/he is to contact the instructor prior to class.** If a student is not present on the day of the assigned exam, the grade for the exam will be dropped one letter grade. The student must make an appointment with the Assessment Center (981-7176) to schedule a time to complete the exam. The exam must be taken prior to the next class meeting. If a student fails to make up the exam, the student will receive a grade of zero (0) on the exam. No exams will be returned to the student until all students have taken the exam.

GRADING PROCEDURES

Grades will be based on performance on written competency based tests, class work, projects and quizzes. Exam material will come from text book, lecture material, handouts and class discussion.

Evaluation of performance:

- Module Exams: 80%
- Class work/Homework: 20%

College Grading Scale:

93-100	A
85-92	B
80-84	C
75-79	D
Below 75	F

- There will be an exam for each Module (4). Each exam will count as 20% of your final grade.
- Homework for each module will count as 5% of your final grade.

ATTENDANCE

Attendance Policy:

Students are expected to attend all lecture and lab sessions of SUR 105. If an absence is unavoidable, the student must contact the instructor prior to the class and/or lab session. Failure to attend class will result in an absence. **If a student is absent more than two (2) consecutive days, a doctor's statement is required.** SUR students are responsible for explaining EACH absence.

It is the judgment and experience of the program administrators that more than **two** absences make successful satisfactory completion of course requirements very difficult. Therefore, students with more than two absences may be withdrawn from the program at the discretion of the instructor.

The student may apply to be considered for re-admission if all other grades and lab performance are satisfactory according to York Tech policy. Refer to the York Technical College Student Handbook. Students should realize the direct relationship that exists between good grades and class attendance.

Late arrivals / Early departures:

Attendance in a class meeting requires being in the classroom and prepared for class at the time the class is scheduled to begin **and** remaining in the classroom until the instructor concludes the class session. Students are expected to arrive to class meetings at or before the scheduled start time and stay for the entire class session. Three (3) late arrivals and/or early departures will equal one (1) absence. **Students are required to phone the instructor for all absences and late arrivals.**

ACADEMIC INTEGRITY

The policies stated in the *York Technical College Catalog & Handbook* and the *Surgical Technology Handbook* will be enforced.

ENTRY LEVEL SKILLS

A student entering SUR 105 should have appropriate entrance scores for the Surgical Technology Program and the willingness to read, comprehend, and communicate effectively.

PREREQUISITES

SUR 101, SUR 102, SUR 103, SUR 104

CO-REQUISITES

SUR 114, SUR 120

SUR 130 is a co-requisite for the Surgical Technology Diploma and is not a requirement for the Central Service Certificate.

DISABILITIES STATEMENT

Any student who feels s/he may need an accommodation based on the impact of a disability should contact the Special Resources Offices (SR) at 803-327-8007 in the 300 area of Student Services. The SRO coordinates reasonable accommodations for students with documented disabilities.

Revised Date: 06/09