



# INSTRUCTIONAL PACKAGE

SUR 120

Surgical Seminar

Summer 2018

201730

# INSTRUCTIONAL PACKAGE

## Part I: Course Information

Effective Term: 201730

COURSE PREFIX: SUR 120

COURSE TITLE: Surgical Seminar

CONTACT HOURS: 2

CREDIT HOURS: 2

### **RATIONALE FOR THE COURSE:**

This course provides an opportunity to reinforce fundamental knowledge of surgical technology theory as it applies to clinical practice. In addition, reviews, quizzes and tests will be utilized to prepare the surgical technology student for the National Certification Examination.

### **COURSE DESCRIPTION:**

This course includes the comprehensive correlation of theory and practice in the perioperative role.

### **PREREQUISITES/CO-REQUISITES:**

SUR 102 APPLIED SURGICAL TECHNOLOGY

SUR 104 SURGICAL PROCEDURES II

SUR 111 BASIC SURGICAL PRACTICUM

### **CO-REQUISITES**

SUR113

### **REQUIRED MATERIALS:**

\*Surgical Technology for the Surgical Technologist: A Positive Care Approach 4th Ed. Delmar Cengage Learning, 2013 ISBN-13: 978-1-1110-3756-7

\*Surgical Technology for the Surgical Technologist Study Guide 4th Ed. Delmar Cengage Learning, 2013 ISBN 978-1-1110-3758-1

Pocket Guide to the Operating Room 3rd Ed. F.A. Davis, 2008

Differentiating Surgical Instruments F.A. Davis, 2005 (ISBN: 978-0-8036-2545-7)

Differentiating Surgical Equipment and Supplies (ISBN 13:978-0-8036-1572-4)

LANGE Q&A Surgical Technology Examination 6th Edition ISBN 978-0-07-174576-5

Association of Surgical Technology Certifying Exam Study Guide - 3rd Edition Book, 2013 ISBN 978-0-926805-66-8 (Optional) (Suggested)

Please visit the Bookstore online site for most current textbook information. Use the direct link below to find textbooks.

[BOOKSTORE.](#)

Enter the semester, course prefix, number and section when prompted and you will be linked to the correct textbook.

**TECHNICAL REQUIREMENTS:**

Computer, printer, and scanner access.

Access to Desire2Learn (D2L), HGTC's student portal for course materials.

WaveNet and D2L email access.

**STUDENT IDENTIFICATION VERIFICATION**

Students enrolled in online courses will be required to participate in a minimum of one (1) proctored assignment and/or one (1) virtual event to support student identification verification. Please refer to your Instructor Information Sheet for information regarding this requirement.

**CLASSROOM ETIQUETTE:**

As a matter of courtesy to other students and your professor, please turn off cell phones and other communication/entertainment devices before class begins. If you are monitoring for an emergency, please notify your professor prior to class and switch cell phone ringers to vibrate.

**NETIQUETTE:** is the term commonly used to refer to conventions adopted by Internet users on the web, mailing lists, public forums, and in live chat focused on online communications etiquette. For more information regarding Netiquette expectations for distance learning courses, please visit [Online Netiquette](#).

**Part II: Student Learning Outcomes**

**COURSE LEARNING OUTCOMES and ASSESSMENTS –Capstone Project**

Analyze surgical interventions in a comprehensive structure.

- 1) Apply principles learned in all previous program courses including:
  - a. Anatomy, physiology, and pathophysiology
  - b. Computer applications and biomedical science
  - c. Microbiology and aseptic technique
  - d. Orientation to surgical technology
  - e. Principles of surgical patient care
  - f. Surgical equipment, instruments, and supplies
  - g. Pharmacology, and anesthesia
  - h. Surgical Procedures
  - i. Wound healing, and suture
  - j. Clinical documentation
  - k. Clinical Debrief
- 2) Assessment and analysis of fundamental knowledge
  - a. Review of specific content areas
    1. Wound Healing
    2. Stages of Bone Healing
    3. Types of Hernias

4. Legal Doctrines
5. Intentional and Unintentional Torts
6. General Legal Terms
7. Surgical Consent : informed and implied
8. Principles of Electricity
9. Bipolar and Monopolar ESU
10. Lasers
  - a) CO2
  - b) NG:YAG
  - c) Holmium: YAG
  - d) Krypton Laser
  - e) Excimer Laser
  - f) Argon Laser
11. Robots
12. Bacteria
13. Viruses
14. Prions
15. Disinfection, Decontamination, Sterilization
  - a) Terminology
  - b) Levels on disinfection
  - c) Compounds
    1. Cidex
    2. Phenol
    3. Bleach
    4. Alcohol
  - d) Ultrasonic Cleaner
  - e) Washer-Sterilizer
  - f) Lubrication
  - g) Sterilization
    1. Immediate Use Steam Sterilizer
    2. Muslin p 155
    3. Woven Textiles p155
    4. Nonwoven p155
    5. Rigid Containers p156
    6. Steam p160-162
    7. EtO
    8. Sterrad
    9. Steris
    10. Basins
  - h) General Principles of Packaging
    1. Chemical Indicator
    2. Biological Indicators
    3. Weight and Size
  - i) Blood Loss and Replacement

- j) CPR
  - k) Malignant Hyperthermia p184
    - 1. Dantrolene
  - l) Anaphylactic Reactions p185
  - m) Medication Actions p200-201
  - n) Routes of Medication administration p202
  - o) Forms of Drug Preparation p202
  - p) Medical Information p205
  - q) Units of measure and health calculations
  - r) Medication Uses in the Surgical Setting p213-227
  - s) Phases of General Anesthesia p231
  - t) Cricoid Pressure/Sellicks Maneuver
  - u) Surgical Procedures
    - 1. Diagnostic
    - 2. General
    - 3. Obstetric/Gynecologic
    - 4. Ophthalmic
    - 5. Otorhinolaryngologic
    - 6. Oral and Maxillofacial
    - 7. Plastic and Reconstructive
    - 8. Genitourinary
    - 9. Orthopedic
    - 10. Cardiothoracic
    - 11. Peripheral Vascular
    - 12. Neurologic
- 3) Develop a professional portfolio for potential employers.
- a. Write professional resume.
  - b. Complete community service project.
  - c. Compose statement of professional goals.
  - d. Compile and present artifacts in professional manner

Course Assessments:

- 1) Professional Resume Assignment
- 2) NBSTSA National Board Practice Exam
  - a. Students must score 112 on the practice Exam to pass SUR 120
  - b. Student will receive a D in SUR 120 if they score 111 or below on the practice exam
- 3) Certification Review Tests
  - 4) Chapter Review Tests

***\*Students – please refer to the Instructor’s Course Information sheet for specific information on assessments and due dates.***

## **PART III: GRADING AND ASSESSMENT**

### **EVALUATION OF REQUIRED COURSE MEASURES/ARTIFACTS\***

Students' performance will be assessed and the weight associated with the various measures/artifacts are listed below.

#### **EVALUATION\***

|                     |                 |
|---------------------|-----------------|
| Tests               | 30%             |
| Assignments         | 10%             |
| Projects/Portfolios | 20%             |
| Final Exam          | <u>40%</u> 100% |

***\*Students, for the specific number and type of evaluations, please refer to the Instructor's Course Information Sheet.***

#### **GRADING SYSTEM:**

|               |   |
|---------------|---|
| 93-100 =      | A |
| 85 - 92 =     | B |
| 77 - 84 =     | C |
| 69 - 76 =     | D |
| 68 or below = | F |

#### **PROGRESSION REQUIREMENTS**

- A grade of "C" or better in each required course.
- Must maintain a 2.0 GPA in required courses.

Grades earned in courses impact academic progression and financial aid status. Before withdrawing from a course, be sure to talk with your instructor and financial aid counselor about the implications of that course of action. Ds, Fs, Ws, WFs and Is also negatively impact academic progression and financial aid status.

The Add/Drop Period is the first 5 days of the semester for **full term** classes. Add/Drop periods are shorter for accelerated format courses. Please refer to the academic calendar for deadlines for add/drop ([ACADEMIC CALENDAR](#)). You must attend at least one meeting of all of your classes during that period. If you do not, you will be dropped from the course(s) and your Financial Aid will be reduced accordingly.

## **Part IV: Attendance**

Horry-Georgetown Technical College maintains a general attendance policy requiring students to be present for a minimum of eighty percent (80%) of his or her classes in order to be eligible to receive credit for any course. However, due to the varied nature of courses taught at the College, a more rigid attendance policy may be required by individual instructors.

At a minimum, a student may be withdrawn from a course(s) after he or she has been absent in excess of ten percent (10%) of the total contact hours for a course. **Instructors define absentee limits for their class at the beginning of each term; please refer to the Instructor Course Information Sheet.**

**For online and hybrid courses**, check your Instructor's Course Information Sheet for any required on-site meeting times. Please note, instructors may require tests to be taken at approved testing sites, if you use a testing center other than those provided by HGTC, the center may charge a fee for its services.

## Part V: Student Resources

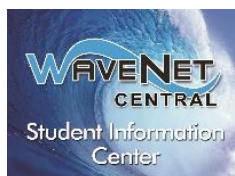


### The Student Success and Tutoring Center (SSTC)

The SSTC offers to all students the following **free** resources:

1. **Academic coaches** for most subject areas, **Writing Center Support**, and **college success skills**.
2. **On-line student success and academic support resources**.

Visit the SSTC website: [Student Success & Tutoring Center](#) and visit the student services tab in your WaveNet account to schedule appointments using TutorTrac. For more information, call: SSTC Conway, 349-7872; SSTC Grand Strand, 477-2113; and SSTC Georgetown, 520-1455. Room locations and Live Chat is available on the SSTC website.



### Student Information Center: WaveNet Central (WNC)

WNC offers to all students the following **free** resources:

1. **Getting around HGTC**: General information and guidance for enrollment!
2. Use the [Online Resource Center \(ORC\)](#) for COMPASS support, technology education, and online tools.
3. **Drop-in technology support or scheduled training** in the Center or in class.
4. **In-person workshops, online tutorials and more services** are available.

Visit the WNC website: [Wavenet Central](#). Live Chat and Center locations are posted on the website. Or please call one of the following locations: WNC Conway, 349-5182; WNC Grand Strand, 477-2076; and WNC Georgetown, 520-1473.

## **Student Testing:**

Testing in an **online/hybrid** course may be accomplished in a variety of ways:

- Test administered within D2L
- Test administered in writing on paper
- Test administered through Publisher Platforms

Further more tests may have time limits and/or require a proctor.

Proctoring can be accomplished either face-to-face at an approved site or online through RPNOW, our online proctoring service. To find out more about proctoring services, please visit the [Online Testing](#) section of the HGTC's Testing Center webpage.

The **Instructor Information Sheet** will have more details on test requirements for your course.

## **Disability Services:**

HGTC is committed to providing an accessible environment for students with disabilities. Inquiries may be directed to Jocelyn Williams, Director of Student Development on the Conway Campus Jaime Davis, Counselor/Advisor on the Georgetown Campus or Kristin Griffin, Counselor on the Grand Strand Campus. These individuals will review documentation of the student's disability and, in a confidential setting with the student, develop an educational accommodation plan.

Note: It is the student's responsibility to self-identify as needing accommodations and to provide acceptable documentation. After a student has self-identified and submitted documentation of a disability, accommodations may be determined, accepted, and provided.

## **Statement of Equal Opportunity/Non-Discrimination Statement**

Horry Georgetown Technical College prohibits discrimination and harassment, including sexual harassment and abuse, on the basis of race, color, gender, national or ethnic origin, age, religion, disability, marital status, veteran status, sexual orientation, gender identity, or pregnancy in educational programs and/or activities.

### ***Title IX Requirements***

Horry Georgetown Technical College prohibits the offenses of domestic violence, dating violence, sexual assault, and stalking. Any student who believe he or she has experienced or witnessed discrimination including sexual harassment, domestic violence, dating violence, sexual assault or stalking is encouraged to report such incidents to one of the College's Title IX Coordinators.

\*Faculty and Staff are required to report incidents to the Title IX Coordinators when involving students. The only HGTC employees exempt from mandatory reporting are licensed mental health professionals (only as part of their job description such as counseling services).



| <b>Inquiries regarding the non-discrimination policies:</b>   |  |
|---|--|
| <p>Student and prospective student inquiries concerning Section 504, Title II, and Title IX and their application to the College or any student decision may be directed to the Associate Vice President for Student Affairs.</p>   | <p>Employee and applicant inquiries concerning Section 504, Title II, and Title IX and their application to the College may be directed to the Associate Vice President for Human Resources.</p>   |
| <p><b>Dr. Melissa Batten, AVP Student Affairs</b><br/> <i>Title IX Coordinator</i><br/>           Building 1100, Room 107A, Conway Campus<br/>           PO Box 261966, Conway, SC 29528-6066<br/>           843-349-5228<br/> <a href="mailto:Melissa.Batten@hgtc.edu">Melissa.Batten@hgtc.edu</a></p> | <p><b>Jacquelyne Snyder, AVP Human Resources</b><br/> <i>Section 504, Title II, and Title IX Coordinator</i><br/>           Building 200, Room 212A, Conway Campus<br/>           PO Box 261966, Conway, SC 29528-6066<br/>           843-349-5212<br/> <a href="mailto:Jacquelyne.Snyder@hgtc.edu">Jacquelyne.Snyder@hgtc.edu</a></p> |