



## INSTRUCTIONAL PACKAGE

DMS 124

OB/GYN SONOGRAPHY II

201820

Spring /2019

# INSTRUCTIONAL PACKAGE

## Part I: Course Information

Effective Term: 201820

COURSE PREFIX: DMS 124

COURSE TITLE: OB/GYN SONOGRAPHY II

CONTACT HOURS: 4

CREDIT HOURS: 2

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

This course is a study of the sonographic imaging methods of gynecological pathology and the female gravid uterus, and fetus emphasizing anatomy, physiology, and pathology. With special emphasizes on pathology. This course also includes an introduction to small parts Sonography.

### **COURSE DESCRIPTION:**

This course is an advanced study of gynecological pathologic processes, including fetal anomalies/abnormalities and advanced fetal gestational age testing.

**PREREQUISITES/CO-REQUISITES:** DMS 112

### **REQUIRED MATERIALS:**

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.

### **ADDITIONAL REQUIREMENTS:**

### **TECHNICAL REQUIREMENTS:**

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

### **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\*:

#### Module #1 - Weeks 1-3

**Materials Covered:** Gynecologic Pathology

Chapters 43-46,

**\*Assessment(s):** Review Class Activity

Unit Test

#### **Learning Outcomes**

- Characterize pathologies of the uterus, ovaries and the adnexa.
- Describe the Doppler evaluation of the female pelvis.
- Recall the role of ultrasound in infertility
- Name the terms and procedures related to 3 and 4 D ultrasound.
- Recognize and identify the Sonographic appearance of normal anatomic structures, including anatomic variants and pathology.
- Identify and document abnormal disease process, pathology, and pathophysiology of all obstetric, gynecological and vascular structures.
- Recall and identify inflammatory, traumatic, neoplastic, infectious, obstructive, congenital metabolic and immunologic disorders.

**Module #2 - Weeks 4-8**

**Materials Covered:** **Obstetric Sonography and Abnormalities**  
Chapters 53-58

**\*Assessment(s):** Class Activities  
Unit Test

**Learning Outcomes:**

- Demonstrate and explain fetal growth assessment.
- Define prenatal congenital anomalies.
- Name the terms and procedures related to 3 and 4D ultrasound.
- Recognize and identify the Sonographic appearance of normal anatomic structures, including anatomic variants and pathology.
- Identify and document abnormal disease process, pathology, and pathophysiology of all obstetric, gynecological and vascular structures.
- Describe the related imaging, laboratory, and functional testing procedures.
- Assess multiple gestations
- Identify abnormal multiple gestations

**Module #3 - Weeks 9-11**

**Materials Covered:** Fetal Abnormalities of Head, Spine and Chest

Chapters 59-61

**\*Assessment(s):** Class Activities  
Unit Test

**Learning Outcomes:**

- Define and identify prenatal congenital anomalies seen on ultrasound involving the fetal head, spine and chest.
- Recognize and identify the Sonographic appearance of normal anatomic structures, including anatomic variants and pathology related to these structures.
- Identify and document abnormal disease process, pathology, and pathophysiology of all obstetric, gynecological and vascular structures of fetal head, spine and chest.
- Recall and identify inflammatory, traumatic, neoplastic, infectious, obstructive, congenital metabolic and immunologic disorders related to fetus head, spine and chest.

**Module #4 - Weeks 12-15**

**Materials Covered:** **Fetal Abnormalities of Abdomen and Skeleton**

Chapters 62-65

**\*Assessment(s):** Class Activities  
Unit Test

**Learning Outcomes:**

- Define and identify prenatal congenital anomalies seen on ultrasound involving the fetal abdomen and skeleton.
- Recognize and identify the Sonographic appearance of normal anatomic structures, including anatomic variants and pathology related to these structures.
- Identify and document abnormal disease process, pathology, and pathophysiology of all obstetric, gynecological and vascular structures of fetal abdomen and skeleton.
- Recall and identify inflammatory, traumatic, neoplastic, infectious, obstructive, congenital metabolic and immunologic disorders related to fetal abdomen and skeleton.

### **Case Study Project**

#### ***Learning Outcomes:***

- Apply academic knowledge in a professional setting.
- Demonstrate mastery of specific program knowledge/skills.

#### ***\*Course Assessments:***

- Presentation of clinical case study of pertinent abdominal pathology seen during clinical rotation including all pertinent history, studies and information with images of actual exam.

## **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 is listed below.

- Quizzes
- Tests
- Lecture/Lab Assignments
- Class Presentations
- Final Exam

### **EVALUATION\***

Tests	60%
Assignments	20%
Final Exam	<u>20%</u>
	100%

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



**GRADING SYSTEM:**

Students will be evaluated testing, classroom activities, homework assignments and projects. Grades will be calculated using the total point system with the percentage of points at:

92 – 100	A
83 – 91	B
74– 82	C
65 – 73	D
64 and below	F

**This is a major area course and requires a grade of “C” or better.**

Academic Integrity: Students are expected to be forthright and honest in their academic endeavors. Any form of academic dishonesty will be dealt with according to the HGTC’s and the Medical Imaging Sciences program policies on academic dishonesty.

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 Incomplete 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

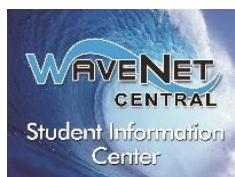


### The Student Success and Tutoring Center (SSTC)

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>	
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.	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.
<b>Dr. Melissa Batten, AVP Student Affairs</b> <i>Title IX Coordinator</i>	<b>Jacquelyne Snyder, AVP Human Resources</b> <i>Section 504, Title II, and Title IX Coordinator</i>
Building 1100, Room 107A, Conway Campus PO Box 261966, Conway, SC 29528-6066 843-349-5228 <a href="mailto:Melissa.Batten@hgtc.edu">Melissa.Batten@hgtc.edu</a>	Building 200, Room 212A, Conway Campus PO Box 261966, Conway, SC 29528-6066 843-349-5212 <a href="mailto:Jacquelyne.Snyder@hgtc.edu">Jacquelyne.Snyder@hgtc.edu</a>