

Bossier Parish Community College
Master Syllabus

Course Prefix and Number: SONO 220

Credit hours: 1

Course Title: Comprehensive Seminar

Course Prerequisites: Enrollment in the DMS program courses is limited to those students who have been selected and admitted to the professional phase of the program. Program courses are sequenced by semester and must be taken as a group each semester per program requirements and policies.

Textbook(s):

Required Textbooks: Sonography Exam Review: Susanna Ovel 3rd Edition

Course Description:

Discussion of common patient care theories, procedures, and techniques emphasizing the physical and psychological wellness of the patient during diagnostic imaging procedures. A discussion of the moral, ethical, economical, and legal issues that confront sonographers as they practice in the dynamic health care environment. Review of tests and quizzes taken during the program. Individual, group, and program topics for further study are recognized.

Learning Outcomes:

A. Demonstrate knowledge in sonographic guided procedures.

- 1) Role of sonographer
- 2) Clinical information
- 3) Informed consent
- 4) Procedural time out
- 5) Transducer guidance
- 6) Sterile setup
- 7) Pre-and post-procedural documentation

B. Demonstrate awareness of resources for professional development.

- 1) Professional organizations and resources
- 2) Professional journals and on-line resources
- 3) Continuing education conferences
- 4) Clinical conferences, lectures, and in-house educational offerings
- 5) Recent developments in sonography
- 6) Research statistics and design

C. Demonstrate Registry Readiness

Comprehensive Review:

- a) Abdomen Sonography
- b) Superficial and small parts Sonography

c) Ob/Gyn Sonography

To achieve the learning outcomes, the student will **or will be able to:**

- Define what point-of-care sonography encompasses and how it is being utilized.
- List some of the primary applications for point-of-care sonography.
- Explain the common acoustic windows, probe placement, and anatomy seen in certain types of examinations.
- Discuss the importance of evaluating certain anatomical perspectives for possible pathologies.
- Demonstrate the clinical application and sonographic differentiation for certain types of limited examinations.
- Identify and give examples of different types of soft-tissue foreign bodies based on composition.
- Explain sensitivity and specificity.
- List the important information the sonographer should obtain from the patient interview and patient chart prior to providing a comprehensive sonography evaluation.
- Differentiate the different sonographic appearances of soft-tissue foreign bodies based on composition, location, age, and artifacts.
- Describe the role of the sonographer prior to, during, and following sonography-guided foreign body removal.
- Explain the limitations of sonography and the advantages of other imaging modalities used to image soft-tissue foreign bodies
- Describe the benefits of sonography-guided interventional procedures.
- Discuss the indications and contraindications for sonography-guided interventional procedures.
- Explain the role of the sonographer during sonography-guided interventional procedures.
- Discuss the difference between a fine-needle aspiration and a core biopsy and the benefits of each procedure.
- List common sonography-guided interventional procedures and the potential complications involved in each.

Course Requirements: In order to pass the course, the student must earn 76% of the total possible points on the unit tests for the course and make a minimum score of 70% on the final exam. The student must achieve an overall course average of 76%. Grades will not be rounded. Failure to complete any of the course requirements listed below will result in an “F” for the course.

The student will:

- Participate in/complete all classroom/laboratory experiences (such as discussion questions; quizzes; section test; case studies; concept mapping; DVD, video, web-site, or reading assignments).

- Be held responsible for the content of the entire course. The final exam is mandatory, will be cumulative, and worth 25% of the overall grade for the course.

Course Grading Scale:

93–	100%=	A
85–	92%=	B
76–	84%=	C
68–	75%=	D
0 –	67%=	F

Attendance Policy: The college attendance policy (for the classroom) is available at <http://catalog.bpcc.edu/content.php?catoid=5&navoid=369#class-attendance>

Course Fees: (if applicable)

Nondiscrimination Statement

Bossier Parish Community College does not discriminate on the basis of race, color, national origin, gender, age, religion, qualified disability, marital status, veteran's status, or sexual orientation in admission to its programs, services, or activities, in access to them, in treatment of individuals, or in any aspect of its operations. Bossier Parish Community College does not discriminate in its hiring or employment practices.

COORDINATOR FOR SECTION 504 AND ADA

Angie Cao, Student and Disability Services Specialist
Disability Services, F254, 6220 East Texas Street, Bossier City, LA 71111
318-678-6511
acao@bpcc.edu

Hours: 8:00 a.m.-4:30 p.m. Monday - Friday, excluding holidays and weekends.

Equity/Compliance Coordinator

.0Teri Bashara, Director of Human Resources
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6220 East Texas Street
Bossier City, LA 71111
Phone: 318-678-6056

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