

LINCOLN UNIVERSITY
COLLEGE OF GRADUATE, UNDERGRADUATE AND PROFESSIONAL STUDIES

COURS OUTLINE

Summer 2010
June, 07 – July, 26, 2010

NAME: Dr. Jahan Orazova
CONTACT INFORMATION: email: jorazova@lincolnuca.edu
COURSE TITLE: OB/GYN Ultrasound
COURSE CODE: DI 130
CREDIT HOURS: 3 units lecture & 1 unit lab

TEXTBOOKS

Required:

1. **Textbook of Diagnostic Ultrasonography, by Sandra L. Hagen-Ansert. Mosby; 6 edition, 2006. ISBN-13: 978-0-323-02803-5; ISBN-10: 0-323-02803-9**

Recommended:

2. OB/GYN Sonography: An Illustrated Review, by Marie DeLange, MD Glenn A. Rouse. ISBN-10: 0941022595; ISBN-13: 978-0941022590;
3. Doppler Ultrasound in Gynecology and Obstetrics. By Christof Sohn, Hans-Joachim Voigt, Klaus Vetter. ISBN 1588902617, 9781588902610;
4. Ultrasonography: an introduction to normal structure and functional anatomy. Reva Arnez Curry; Betty Bates Tempkin.1st. Ed. 1995. ISBN 0721649629;
5. Exercises in Sonography: Introduction to Normal Structure and Function by Reva Arnez Curry, Betty Bates Tempkin. ISBN-13: 9780721697819; ISBN: 072169781X;
6. Obstetric Ultrasound: How, Why and When. Trish Chudleigh (Author), Basky Thilaganathan. Published by Elsevier Churchill Livingstone, 2004. ISBN 0443054711, 9780443054716
7. Atlas of Ultrasound in Obstetrics and Gynecology. Peter M. Doubilet, Carol B. Benson. Published by Lippincott Williams & Wilkins, 2003. ISBN 0781736331, 9780781736336
10. Donald School Textbook of Ultrasound in Obstetrics and Gynecology. Laurie Kelly, Asim Kurjak, Frank A. Chervenak. 2004. ISBN 1842142577, 9781842142578;
11. Obstetric Ultrasound: How, why and when. Patricia Chudleigh, Basky Thilaganathan, Trish Chudleigh, 2004. ISBN 0443054711, 9780443054716;
12. Ultrasonography in Obstetrics and Gynecology 4th Edition. Peter W. Callen. 2000. ISBN-10: 0721681328; ISBN-13: 978-0721681320;
13. ISBN-10: 0721681328; ISBN-13: 978-0721681320;

Note: You are responsible for printing out the handout for the class.

CATALOG DISCRIPTION.

Devoted to the study of gynecology, this course details the sonographic anatomy and physiology of the female reproductive system demonstrated by transabdominal and endovaginal examinations. Included are pertinent clinical diseases, pathologic conditions, clinical sonographic presentation, and signs and symptoms of the female pelvis. First, second and third trimesters obstetrical imaging is introduced, including fetal measurements and development. Dedicated scan labs are provided for students.

PREREQUISITES:

Completion of courses:

- DI 10: Physical Principles of Ultrasound;
- DI 20: Medical Terminology;
- DI 30: Anatomy and Physiology;
- DI 110: Ultrasound Principles and Protocols.

SCHEDULE

WEEKS	LEC/LAB	TIME	DATA	TOPICS	*Chapters #
1	LEC	9.00-11.45	6/7/2010	GYN: US Normal Pelvic Anatomy and Physiology (1) Test#1	35
	LAB#1	12.30-04.15		Hands-on GYN scanning	
	LEC	9.00-11.45	6/9/2010	GYN: US Pathology of the Uterus Test#2	37
	LAB#2	12.30-04.15		Hands-on GYN scanning	
2	LEC	9.00-11.45	6/14/2010	GYN: Pathology of the Ovaries. Female infertility Test#3	38
	LAB#1	12.30-04.15		Hands-on OB scanning	
	LEC	9.00-11.45	6/16/2010	GYN: Pathology of the Adnexa. Female infertility Test#4	39; 40
	LAB#2	12.30-04.15		Hands-on GYN scanning	
3	LEC	9.00-11.45	6/21/2010	OB: Obstetrics – First Trimester (1) Test#5	41, 42, 43, 44
	LAB#1	12.30-04.15		Hands-on GYN scanning	
	LEC	9.00-11.45	6/23/2010	OB: Obstetrics – Second & Trimester (2) Test#6	45, 46, 47
	LAB#2	12.30-04.15		Hands-on OB scanning	
4	LEC	9.00-11.45	6/28/2010	OB: Obstetrics – Second & Trimester (3) Test#7	48, 49
	LAB#1	12.30-04.15		Hands-on OB scanning	
	LEC	9.00-11.45	6/30/2010	OB: Obstetrics – Second & Trimester (4)/ Midterm	51
	LAB#2	12.30-04.15		Hands-on OB scanning	
7/5/2010 - HOLYDAY					
5	LAB#1	12.30-04.15		Hands-on OB scanning	
	LEC	9.00-11.45	7/7/2010	OB: Obstetrics – Second & Trimester (6) Test#9	52,53
	LAB#2	12.30-04.15		Hands-on OB scanning	
	LEC	9.00-11.45	7/12/2010	OB: Obstetrics – Second & Trimester (7) Test#10	55, 56
	LAB#1	12.30-04.15		Hands-on OB scanning	
	LEC	9.00-11.45	7/14/2010	OB: Obstetrics – Second & Trimester (8) Test#11	57,58
	LAB#2	12.30-04.15		Hands-on OB scanning	
	LEC	9.00-11.45	7/19/2010	OB: Obstetrics – Second & Trimester (9) Test#12	59, 60
6	LAB#1	12.30-04.15		Hands-on OB scanning	
	LEC	9.00-11.45	7/21/2010	Final examination	
	LAB#2	12.30-04.15		Hands-on OB scanning-final exam	
	LEC	9.00-11.45	7/26/2010	final/midterm examination make ups	
7	LAB#1	12.30-04.15		Hands-on OB scanning-final exam	

Break time: LEC & LAB			
LEC	10.15-10.30am	LAB	02.00-2.30pm

*Chapters #:
Textbook of Diagnostic Ultrasonography, by Sandra L. Hagen-Ansert. Mosby; 6 edition, 2006.
Volume 2
ISBN-13: 978-0-323-02803-5; ISBN-10: 0-323-02803-9