

LINCOLN UNIVERSITY  
COLLEGE OF GRADUATE, UNDERGRADUATE AND PROFESSIONAL STUDIES

**SYLLABUS**  
**DI 165 – Vascular scanning (lab)**

**SPRING 2010**

**DATA: 1/19/2010 – 05/17/2010**

**COURSE TITLE: Vascular scanning (lab)**

**COURSE CODE: DI 165**

**CREDIT HOURS: 4 unit laboratory**

**TIME: Mondays 3:30 pm – 5:15 pm; Thursdays 12:30 pm – 6:15 pm**

**PROFESSOR: Dr. Jahan Orazova**

**CONTACT INFORMATION: email: jorazova@lincolnuca.edu**

**COURSE DESCRIPTION**

Scanning protocols and practice for ultrasound examination of vascular structure.

**COURSE PRE-REQUISITES:**

- DI 10-Physical Principles of Ultrasound
- DI 20-Medical Terminology
- DI 30-Anatomy & Physiology
- DI 110-Ultrasound Principles & Protocols
- DI 155-Doppler Vascular Imaging

**READING ASSIGNMENT:**

1. Hagen-Ansert: Textbook of Diagnostic Ultrasonography, 6th Edition, Vol#2 (ISBN 0323042023, 9780323042024)
2. Vascular Technology: An Illustrated Review. Claudia Rumwell, Michalene McPharlin. Published by Davies Pub., 2004. (ISBN 0941022692, 9780941022699).
3. Diagnostic Ultrasound. Rumack, Wilson, Charboneau. 2-Vol. Set. 3 edition (October 22, 2004). ISBN-10: 0323020232 / ISBN-13: 978-0323020237

**IN-CLASS PRESENTATION**

Student will be assigned to prepare written reports and oral presentations on one topic. These assignments count for 30 percent of your grade of the laboratory class (15 percent for the written portion and 15 percent for the oral portion). Both the written report and oral presentation should demonstrate your familiarity with current literature on the topic.

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**DI 165 Vascular Scanning (lab)**

<b>Mondays 3:30 pm – 5:15 pm</b>			
<b>Thursdays 12:30 pm – 6:15 pm</b>			
1	THU	1/21/2010	Extracranial Cerebrovascular Duplex
2	MON	1/25/2010	Extracranial Cerebrovascular Duplex
3	THU	1/28/2010	Extracranial Cerebrovascular Duplex
4	MON	2/1/2010	Extracranial Cerebrovascular Duplex
5	THU	2/4/2010	Upper Extremity Arterial Duplex; <b>Presentation (1)</b>
6	MON	2/8/2010	Upper Extremity Arterial Duplex Imaging
7	THU	2/11/2010	Upper Extremity Arterial Duplex Imaging; <b>Presentation (2)</b>
8	THU	2/18/2010	Upper Extremity Arterial Duplex Imaging; <b>Presentation (3)</b>
9	MON	2/22/2010	Upper Extremity Arterial Segmental Pressure Evaluation Lower Extremity Arterial Segmental Pressure Evaluation
10	THU	2/25/2010	Upper Extremity Arterial Segmental Pressure Evaluation Lower Extremity Arterial Segmental Pressure Evaluation; <b>Presentation (4)</b>
11	MON	3/1/2010	Lower Extremity Arterial Duplex Imaging
12	THU	3/4/2010	Lower Extremity Arterial Duplex Imaging; <b>Presentation (5)</b>
13	MON	3/8/2010	Lower Extremity Arterial Duplex Imaging
14	THU	3/11/2010	Lower Extremity Arterial Duplex Imaging; <b>Presentation (6)</b>
15	MON	3/15/2010	Lower Extremity Arterial Duplex Imaging
16	MON	3/22/2010	Lower Extremity Arterial Duplex Imaging
17	THU	3/25/2010	Lower Extremity Arterial Duplex Imaging; <b>Presentation (7)</b>
18	MON	3/29/2010	Lower Extremity Venous Duplex Imaging
19	THU	4/1/2010	Lower Extremity Venous Duplex Imaging; <b>Presentation (8)</b>
20	MON	4/5/2010	Lower Extremity Venous Duplex Imaging;
21	THU	4/8/2010	Lower Extremity Venous Duplex Imaging; <b>Presentation (9)</b>
22	MON	4/12/2010	Mesenteric/Splanchnic Artery Duplex Imaging
23	THU	4/15/2010	Mesenteric /Splanchnic Artery Duplex Imaging
24	MON	4/19/2010	Mesenteric/Splanchnic Artery Duplex Imaging
25	THU	4/22/2010	Abdominal Aortic Iliac Duplex Imaging
26	MON	4/26/2010	Abdominal Aortic Iliac Duplex Imaging
27	THU	4/29/2010	Evaluation of Portal Hypertension
28	MON	5/3/2010	<a href="#">Renal Artery Duplex Imaging</a>
29	THU	5/6/2010	<a href="#">Renal Artery Duplex Imaging</a>
30	MON	5/10/2010	<a href="#">Renal Artery Duplex Imaging</a>
31	THU	5/13/2010	<b>Final hands-on examination</b>
32	MON	5/17/2010	<b>Final hands-on examination</b>