

## CAN 5302 - - Cross Sectional Imaging Anatomy

**Trimester:** Spring 2009

**Instructor:**

**Robert A. Walker, Ph.D.**

*Lead Instructor and Course Coordinator*

Director, Clinical Anatomy

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Office hours: Mondays and Tuesdays, 7:30 – 9:30 p.m. and by appointment.

**Class Meets:** To be determined

**Credits:** 2

**Course Description:**

A laboratory course examining advanced topics in regional cross-sectional imaging anatomy, concentrating on correlation between images from the National Library of Medicine's™ Visible Human Project® and magnetic resonance imaging and computed tomography.

**Prerequisites:**

Entrance requirements.

**Required Text:**

Dean D, Herbener TE. *Cross-Sectional Human Anatomy*. (2000) Lippincott, Williams and Wilkins.

**Recommended Text:**

*Cross-sectional Diagnostic Imaging: Cases for Self Assessment*. Strickland (2002) Taylor and Francis.

**Links to Relevant Websites:**

See page 3 in: Dean D, Herbener TE. *Cross-Sectional Human Anatomy*. (2000) Lippincott, Williams and Wilkins.

**Learning Objectives:**

Identify major structures in cross sectional imaging

By anatomic region, to be determined by instructor and student.  
In different imaging modalities: CT and MR imaging  
Differentiate normal appearance from abnormal appearance.

**Assessment:**

Grades are based on the following elements:

Weekly Presentations: 100%

**Grading Scale:**

90-100	A	Consistently exceeds performance standards
80-89	B	Meets and occasionally exceeds performance standards
70-79	C	Meets performance standards
0-69	F	Fails to meet minimal performance standards

**Course Calendar:**

WEEK 1 - To be determined.

WEEK 2 - To be determined.

WEEK 3 - To be determined.

WEEK 4 - To be determined.

WEEK 5 - To be determined.

WEEK 6 - To be determined.

WEEK 7 - To be determined.

WEEK 8 - To be determined.

WEEK 9 - To be determined.

WEEK 10 - To be determined.

WEEK 11 - To be determined.

WEEK 12 - To be determined.

WEEK 13 - To be determined.

WEEK 14 - To be determined.

WEEK 15 - To be determined.

Additional references and resources:

*Gray's Anatomy*, 38<sup>th</sup> Edition (1995) Bannister, Berry and Williams, eds., Churchill Livingstone, London.

**Attendance Requirements:**

Maximum allowable absence = 1

The student is responsible for making up work missed during the missed session. The maximum allowable absence set by Academic Affairs is 20%. Some courses may set attendance requirements at a lower allowable absence rate due to course content or structure, but may not exceed 20% allowable absence. Greater than 2 absences for this course or noncompliance with specific attendance policies detailed in course syllabus, will result in a grade of XF being awarded, in which case the entire course must be repeated in its entirety.

**Health Clearance Policy:**

New York Chiropractic College considers it in the best interest of students to obtain appropriate and periodic health screenings. NYCC provides such health clearance examinations to all students through the Campus Health Center at no charge. All first trimester students are required to receive a complete physical examination, which will include diagnostic imaging and laboratory examinations when clinically warranted. Based upon this information a clinician will clear the student for full, limited, or no participation in practical/clinical classes.

During the fourth trimester, the student must make an appointment and have a reevaluation and an update of their case history. Students are required to report to the Health Center for the purpose of updating their records if any change occurs between examinations, including any formal referrals made by clinical faculty in the course of a laboratory class.

If any condition is revealed during the health clearance process that may affect a student's ability to participate fully as a patient in technique or diagnosis laboratories, the student must sign a release of information allowing appropriate disclosure of information to all concerned parties, including: Class Instructors, Clinician, Dean of Chiropractic Education, Registrar, and Associate Provost. Refusal to sign such a release will result in the temporary or permanent suspension of participation privileges in practical clinical classes. The Health Center will notify the Registrar the Friday prior to registration day of all students cleared for participation. Failure to meet the health clearance requirements will prevent the student from registering for the following trimester. If the student is not cleared for participation as per the technical standards of the College the student must withdraw from the course and/or the program.

**Disclaimer Statement:**

This syllabus is a representative of the course content, organization and evaluation processes. The faculty teaching this course reserves the right to reasonably alter the sequence of activities, evaluation, and assignment dates, and evaluation and assignment method or styles. Every effort will be made to inform the class members in advance of such changes. Students are responsible for following the syllabus and any changes instituted by faculty.