

**UNIVERSITY OF NEVADA LAS VEGAS
RADIOGRAPHY PROGRAM**

<u>Course No.</u>	RAD 372
<u>Course Title</u>	Anatomy and Positioning II
<u>Prerequisite</u>	RAD 370
<u>Instructor</u>	Chad Hensley M.Ed. R.T.(R)(MR)
<u>Office</u>	BHS 304
<u>Office Hours</u>	Monday 9:00-1:00, Thursday 11:00-4:00
<u>Office Phone</u>	702-895-3811

Course Description

Study of iodinated contrast use and adverse effects. Anatomical study, radiographic positioning and procedures related to the urinary and biliary system. Anatomical study and radiographic positioning parameters related to the bony thorax, vertebral column, cranium, and facial bones. Introduction to advanced modalities including CT, MRI, Mammography, Interventional Radiology, and Operating Room procedures.

Course Objectives

Upon completion of this course, the student will be able to:

1. Critique routine radiographic examinations of the urinary. As well as the bony thorax, vertebral column, cranium and facial bones.
2. Identify normal radiographic anatomy associated with the urinary system. As well as the bony thorax, vertebral column, cranium and facial bones.
3. Explain the differences between ionic and non-ionic contrast.
4. Identify contraindications for the use and of explain the potential reactions associated with IV contrast.
5. Identify steps necessary to obtain diagnostic images, recognize pertinent anatomy on images and describe procedural steps, indications, contraindications for the following procedures: myelography, mammography, arthrography, angiography, hysterosalpinagography, computed tomography, magnetic resonance imaging, and bone densitometry.

Weekly Schedule Two and a half lecture hours per week.

Attendance

This class directly impacts your chosen career; therefore, the following attendance policy will be enforced. You are allowed up to **3** absences of any reason, thereafter, any unexcused absence will result in an automatic reduction of **5** points off your final grade and an additional point for each unexcused absence following. Excused absences will be given for appropriate reasons which are at the discretion of the instructor (illness, family death, accident). Excused absences will be given as long as a message is left prior to the start of class.

Make up examinations will be administered only for excused absences and must be taken within one week of the originally scheduled test. Failure to do so will result in a grade of 0. No make up tests will be allowed for unexcused absences.

Cell Phone policy

All cell phones will be kept off while in class. Cell phones while an important part of our culture, is very distracting if heard or used in class. If the instructor finds a student **talking OR texting** during class the student will be asked to leave and will be counted as an unexcused absence for that class.

Any use of a cell phone or electronic device during a test will be considered cheating and the student will receive a "0" for the test.

Testing and Student Evaluation

Each student will accumulate several hundred points in this course predicated on several scheduled tests and a comprehensive final. Tests will be returned within one week of the last date. The students final grade will be based on his/her percentage of total points given. Grade determination is based on the following percentage:

A = 93-100	B- = 81-83	D+ = 68-70
A- = 90-92	C+ = 78-80	D = 65-67
B+ = 87-89	C = 74-77	D- = 62-64
B = 84-86	C- = 71-73	F = 0-61

Required Text

Bontrager, Kenneth, Textbook of Radiographic Positioning and Related Anatomy, Ed.8 Mosby (2010).

Selected Reference

1. Snopak, Albert M., Special Radiographic Procedures. Ed 5, Saunders Elsevier (2006)
2. Ballinger, Phillip W., Merrill's Atlas of Radiographic Positioning and Radiologic Procedures, Vol 1,2,&3, Ed 9, Mosby

Academic Misconduct – Academic integrity is a legitimate concern for every member of the campus community; all share in upholding the fundamental values of honesty, trust, respect, fairness, responsibility and professionalism. By choosing to join the UNLV community, students accept the expectations of the **Student Academic Misconduct Policy** and are encouraged when faced with choices to always take the ethical path. Students enrolling in UNLV assume the obligation to conduct themselves in a manner compatible with UNLV's function as an educational institution.

An example of academic misconduct is plagiarism. Plagiarism is using the words or ideas of another, from the Internet or any source, without proper citation of the sources. See the *Student Academic Misconduct Policy* (approved December 9, 2005) located at: <http://studentconduct.unlv.edu/misconduct/policy.html>.

Copyright – The University requires all members of the University Community to familiarize themselves **with** and to follow copyright and fair use requirements. **You are individually and solely responsible for violations of copyright and fair use laws. The university will neither protect nor defend you nor assume any responsibility for employee or student violations of fair use laws.** Violations of copyright laws could subject you to federal and state civil penalties and criminal liability, as well as disciplinary action under University policies. Additional information can be found at: <http://www.unlv.edu/provost/copyright>.

Disability Resource Center (DRC) – The UNLV Disability Resource Center (SSC-A 143, <http://drc.unlv.edu/>, 702-895-0866) provides resources for students with disabilities. If you feel that you have a disability, please make an appointment with a Disabilities Specialist at the DRC to discuss what options may be available to you.

If you are registered with the UNLV Disability Resource Center, bring your Academic Accommodation Plan from the DRC to the instructor during office hours so that you may work together to develop strategies for implementing the accommodations to meet both your needs and the requirements of the course. Any information you provide is private and will be treated as such. To maintain the confidentiality of your request, please do not approach the instructor before or after class to discuss your accommodation needs.

Religious Holidays Policy – Any student missing class quizzes, examinations, or any other class or lab work because of observance of religious holidays shall be given an opportunity during that semester to make up missed work. The make-up will apply to the religious holiday absence only. It shall be the responsibility of the student to notify the instructor no later than the end of the first two weeks of classes, **January 28, 2016**, of his

or her intention to participate in religious holidays which do not fall on state holidays or periods of class recess. For additional information, please visit:
<http://catalog.unlv.edu/content.php?catoid=6&navoid=531>.

Incomplete Grades - The grade of I – Incomplete – can be granted when a student has satisfactorily completed three-fourths of course work for that semester/session but for reason(s) beyond the student’s control, and acceptable to the instructor, cannot complete the last part of the course, and the instructor believes that the student can finish the course without repeating it. The incomplete work must be made up before the end of the following regular semester. If course requirements are not completed within the time indicated, a grade of F will be recorded and the GPA will be adjusted accordingly. Students who are fulfilling an Incomplete do not register for the course but make individual arrangements with the instructor who assigned the I grade.

Tutoring – The Academic Success Center (ASC) provides tutoring and academic assistance for all UNLV students taking UNLV courses. Students are encouraged to stop by the ASC to learn more about subjects offered, tutoring times and other academic resources. The ASC is located across from the Student Services Complex (SSC). Students may learn more about tutoring services by calling 702-895-3177 or visiting the tutoring web site at: <http://academicsuccess.unlv.edu/tutoring/>.

UNLV Writing Center – One-on-one or small group assistance with writing is available free of charge to UNLV students at the Writing Center, located in CDC-3-301. Although walk-in consultations are sometimes available, students with appointments will receive priority assistance. Appointments may be made in person or by calling 702-895-3908. The student’s Rebel ID Card, a copy of the assignment (if possible), and two copies of any writing to be reviewed are requested for the consultation. More information can be found at: <http://writingcenter.unlv.edu/>

Rebelmail – By policy, faculty and staff should e-mail students’ Rebelmail accounts only. Rebelmail is UNLV’s official e-mail system for students. It is one of the primary ways students receive official university communication such as information about deadlines, major campus events, and announcements. All UNLV students receive a Rebelmail account after they have been admitted to the university. Students’ e-mail prefixes are listed on class rosters. The suffix is always @unlv.nevada.edu. **Emailing within WebCampus is acceptable.**

Library Resources –Students may consult with a librarian (www.library.unlv.edu/ consultation) about research needs. For this class, the subject librarian is Xan Goodman. UNLV Libraries provides resources to support students’ access to information. Discovery, access, and use of information are vital skills for academic work and for successful postcollege life. Access library resources and ask questions at www.library.unlv.edu/

Final Examinations – The University requires that final exams given at the end of a course occur at the time and on the day specified in the final exam schedule. See the schedule at: <http://www.unlv.edu/registrar/calendars>.