

Dear Student:

Thank you for your interest in the Radiography Program at UNLV. Please be informed that in order to be reviewed for acceptance into the Program, you **MUST** be admitted to UNLV and declare your major as CRTRAP (Pre-Radiography Certificate), in the School of Allied Health Science. In addition to applying to and being accepted to UNLV, you must also complete and submit the two page Radiography Program Application.

Please review the entire application process for consideration for acceptance into the Radiography Program, either at the UNLV website ([www.unlv.edu](http://www.unlv.edu)) or request a mail out packet of prospective student information.

Prior to the MARCH1st deadline, each of the following **MUST** be submitted and in your file in the main Radiography office (BHS 323; phone 702 895 3296):

- Proof of admission to UNLV (and the minimum 2.5 GPA or higher)**
- Copies of ALL course grades/transcripts**
- Proof of clinical affiliate hospital site visit**
- Pre-admission counseling (academic advisement) with the RAD Program Director**
- Completed Application to the RAD Program**
- One-two page letter to the RAD Admissions Committee**

Incomplete files will NOT be reviewed by the admissions committee!

Please feel free to contact or visit the main Radiography Office **PRIOR** to the March 1<sup>st</sup> Deadline to ensure your packet is complete.

The Radiography Admissions Committee will meet in March to select students to begin the program the immediate next fall semester. The selected class list and alternates will be posted as soon as the selection is complete (usually prior to April 1<sup>st</sup> each year).

Professionally yours,

George Pales, Ph.D.,R.T.(R)(MR)(T)  
Program Director

Radiography Program  
Box 453017  
4505 S. Maryland Parkway  
Las Vegas, Nv 89154-3017  
Main 702 895-3296 • Fax 702-895-1312

## Missions and Goals

In concert with the Mission and Goals of the University of Nevada, Las Vegas, the Radiography Program is dedicated to the education of students in preparation for entry level clinical practice. Program administration, faculty and staff provide didactic and clinical education opportunities, which adhere to recognized standards, to all eligible students. The Program is committed to graduating students who are prepared to write appropriate certifying examinations and who are prepared to become practicing Radiography Professionals.

The goals of the Radiography Program include:

1. Produce students with the technical perform as entry-level Radiographers.
2. Graduate students proficient in radiation safety practices.
3. Prepare graduates to administer appropriate patient care techniques.
4. Graduate students who will be successful in passing the American Registry of Radiologic Technologists, at a minimum rate of 75% passing.

## RAD Faculty Goals

1. Provide continuing education opportunities for graduate Radiographers.
2. Support Faculty Research

## The Curriculum

The Radiography curriculum is a two full year, structured program, accredited by the Joint Review committee on Education Radiologic Technology.\* The curriculum includes required classes in English, Mathematics, Computer Science, and Biology; and Radiography Didactic laboratory and Clinical courses.

Upon successful completion of the program, the student is awarded a Certificate in Radiography and may be eligible to take the National American Registry of Radiologic Technologists' certifying exam in Radiography

## The Field of Radiography

Radiography was the first medical imaging technique developed shortly after the discovery of X-Ray in 1895, by Wilhelm Conrad Roentgen. Since that time, Radiography has remained the

# RADIOGRAPHY

## Certificate Program

*Radiography is one of the most exciting fields in the Allied Health Professions. There is a high demand for qualified radiographers in this ever expanding field. In addition to facilitating careers in Radiography, students completing this program are positioned to expand their knowledge base for advancement in the field of Medical Imaging.*

basic medical imaging technique with major advances occurring in the field as a result of advances in technology, equipment and the computer. With the development of the mini computer in the early 1970's, medical imaging entered the world of computer technology resulting in improvements in radiographic equipment. Other developments include advanced imaging techniques such as computed tomography, in the early 1970's, and magnetic resonance imaging, in the early 1980's. These advanced imaging techniques now have certifying exams which require certification in Radiography as a prerequisite to writing the advanced exams and performing these advanced procedures.

## Career Opportunities

Careers in the field are found in a variety of settings from small rural centers to large urban hospitals and clinics and even in some foreign countries where shortages in Technologists are evident. Radiography is a field of its own with advancements possible with additional education and training. Graduates can enter the field as staff Radiographers and with additional certifications, education and administrative positions or into the field of education. Other opportunities may include positions with suppliers of radiographic equipment, film and diagnostic pharmaceuticals.

## Facilities and Faculty

Campus facilities in the Rod Lee Bigelow Health Sciences Building provide the student with hands-on experience. These facilities include three complete radiographic laboratories, two with conventional tomographic capabilities, and film processing/darkroom areas. The program is affiliated with major hospitals and clinics in the Las Vegas, North Las Vegas and Henderson areas.

Clinical facilities provide students with practical experiences under the direction of imaging professionals and campus faculty. The program provides didactic and laboratory instruction by full-time, part-time and adjunct professionals.

## Admission Requirements

Admission to the program requires an application process, and is limited by accreditation guidelines. Applicants are reviewed by the Program Admissions Committee during the spring semesters for possible acceptance into the program which begins each fall semester.

## Program Admission Requires:

1. Admission to UNLV with declaration of CRTRAP as a major.
2. Completion of the program application
3. A minimum of a 2.5 GPA (High School or 12 college credits.)

## The UNLV Campus

The University of Nevada, Las Vegas is committed to academic excellence in each of its more than 175 undergraduate and graduate programs. Following a decade of unprecedented growth in enrollment and facilities, the campus is now focusing its resources on those qualities which make a University great: its academic offerings, its faculty and staff, and its students.

The university's commitment to learning is reflected in the core curriculum required of every student. The core provides a solid background in the humanities, fine arts, mathematics, science, English and social sciences. Its purpose is to broaden the knowledge of all students, regardless of major.

Over 24,000 students attend classes at UNLV's 335-acre campus, located in the nation's fastest growing city. While most students are Nevada residents, a lively mixtures of international and out-

of-state students adds to the cosmopolitan quality of the campus.

Residence halls on the UNLV campus are home to more than 1,500 students. Each double-room arrangement shares a full bathroom. The complex is complete with meeting rooms, recreational facilities mail services, fitness rooms, and computer labs.

All academic programs at UNLV are fully accredited by the Northwest Association of Schools and colleges, and many programs have received further accreditation from independent National accreditation bodies.

### **More Information**

Additional information is available by contacting the:  
Radiography Program  
University of Nevada, Las Vegas  
Department of Health Physics and Diagnostic Sciences  
Box 453017  
4505 S Maryland Parkway  
Las Vegas, NV 89154-3017  
Office: 702-895-3296  
Fax: 702-895-1312  
Web Site: <http://www.unlv.edu>

For information on accreditation contact the JRCERT at:  
JRCERT

20 No. Wacker Dr. Suite 900  
Chicago, IL 60606-2901  
Phone: 312-704-5300  
E-mail: [jcert@mail.idt.net](mailto:jcert@mail.idt.net)

## HOSPITAL SITE VISIT

Dear Student:

As part of the interview/application process to the Radiography Program, prospective students must visit a Radiology Department in one of our hospital facilities.

Attached is a list of those facilities. To make arrangements for the site visit, call the Chief Clinical Instructor listed at the facility of your choice to set up a time for your visit. Our sites are more than happy to have you visit as you may be a prospective student and later, a prospective employee. During your visit at the hospital, you will be able to observe what radiographers do, talk to practicing radiographers about the field, and observe technologist/patient interactions. You may also ask to observe some imaging areas such as CT (Computed Tomography) and MRI (Magnetic Resonance Imaging) as these are advanced scanning techniques for Radiographers who have additional training and Certification.

This mandatory visit must be scheduled for a minimum of 4 hours. When your visit is over, have one of the facilities clinical instructors sign the reverse side of this form. It should then be brought or mailed to the Radiography Program address and will become part of your application.

Thank you for your interest in Radiography and enjoy your visit to the Radiology Department.

I have read about and or researched the patient bill of rights, patient confidentiality concerns and the responsibilities of healthcare workers as well as students to maintain patient personal information, condition, prognosis and all observed about patient as private and privileged information. This will remain strictly confidential from my perspective on my behalf. The Health Insurance Portability and Accountability Act of 1996 (HIPPA) enforcement will also be upheld by me.

---

Signature

---

Printed Name

---

Date

**Note: Please wear clothing appropriate to the hospital-i.e., slacks or scrubs. NO shorts, tank tops or flip-flops, etc.**

**UNIVERSITY OF NEVADA LAS VEGAS  
RADIOGRAPHY PROGRAM**

**PRE-ADMITTANCE SITE VISIT**

\_\_\_\_\_ has spent 4 hours in observance at;  
Name

\_\_\_\_\_  
Facility

\_\_\_\_\_  
Facility Representative

\_\_\_\_\_  
Date

I have read about and or researched the patient bill of rights, patient confidentiality concerns and the responsibilities of healthcare workers as well as students to maintain patient personal information, condition, prognosis and all observed about patient as private and privileged information. This will remain strictly confidential from my perspective on my behalf. The Health Insurance Portability and Accountability Act of 1996 (HIPPA) enforcement will also be upheld by me.

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Printed Name

\_\_\_\_\_  
Date

## UNLV RADIOGRAPHY PROGRAM AFFILIATES

### Affiliate

#### **Desert Springs Hospital**

2075 E. Flamingo Road  
Las Vegas, NV 89109-5188  
Radiology 702-369-7776  
FAX 702-369-7518

---

#### **Sunrise Hospital & Medical Center**

3186 Maryland Parkway  
Las Vegas, NV 89109-2317  
Medical Imaging 702-731-8060  
FAX 02-731-8902

---

#### **North Vista Hospital (Lake Mead Hospital)**

1409 E. Lake Mead  
No. Las Vegas, NV 89030-7120  
Radiology 702-657-5551  
FAX 702-657-3480

---

#### **UMC (University Medical Center of Southern NV)**

1800 W. Charleston Blvd.  
Las Vegas, NV 89102-2329  
Radiology 702-383-2000 Ext. 2241  
FAX 702-383-2627  
Students Ext. 2241

---

#### **Valley Hospital**

620 Shadow Lane  
Las Vegas, NV 89106-4119  
Radiology 702-388-4640  
FAX 702-388-4656

### Contacts

Katie Johnson R.T.(R)  
Chief Clinical Instructor  
702-369-7769  
Matt Grimes  
Radiology Manager 702-369-7924

---

Casey Farris, B.S., R.T.(R.)  
Chief Clinical Instructor  
702-836-3868  
Vicki Gooss, B.S.,R.T.(R.)  
Manager, Diagnostic Imaging 702-731-8707  
FAX 702-731-8161

---

Donna Villagran, A.S.,R.T.(R)  
Chief Clinical Instructor  
702-657-5551

Amy Deacon, R.T.(R)(M)(CT)  
Director of Inaging & Cardiac SVCS  
702-657-5551

---

Judy Mesman R.T.(R.)  
Chief Clinical Instructor  
702-383-2241 ask for Judy  
Liz Payne  
Radiology Manager  
702-383-2000 Ext. 4060

---

Steve Jones R.T.(R)(MR)  
Chief Clinical Instructor  
702-388-4659  
Susan Maples  
Radiology Administrator 702-388-4646

---

**Summerlin Hospital Medical Center**

657 Town Center Dr.  
Las Vegas, NV 89144-6367  
702-233-7337 (8 for X-ray)  
FAX 702-233-7340

Cal Navalta, A.S.,R.T.(R.)  
Chief Clinical Instructor  
Cal Navalta, A.S.,R.T.(R.)  
Radiology Manager  
702-233-7310

---

---

**Mountain View Hospital**

3100 N. Tenaya Way  
Las Vegas, NV 89128-0436  
702-255-5016  
FAX 702-562-5512

Ronna Brant, R.T.(R.)  
Chief Clinical Instructor  
Tracy Benson, BS, BM, RT(R.)(M)  
Director Medical Imaging  
702-255-5016

---

**DON'T USE ANY OF THE ST. ROSE FOR THE 4 HR. SITE VISIT**

**St. Rose Dominican - De Lima**

102 E. Lake Mead Drive  
Henderson, NV 89015-5575  
Radiology 702-564-4585  
FAX 702-616-4685

Jan Lowrie, R.T.(R.)(M.)  
Chief Clinical Instructor

Anne Weber, B.S.,R.T.(R.)(M.)  
Radiology Manager

---

**St. Rose Dominican - San Martin**

8280 W. Warm Springs Rd.  
Las Vegas, NV 89113  
702-492-8585  
FAX 702-492-8338

Steve Dietch, R.T.(R)  
Chief Clinical Instructor

Anne Weber, B.S.,R.T.(R.)(M.)  
Radiology Manager

---

**St. Rose Dominican - Sienna**

3001 St. Rose Park Way  
Henderson, NV 89052-3839  
702-616-5585  
FAX 702-616-5488

Mary Dewan R.T.(R)(M)  
Chief Clinical Instructor

Aimee Moran  
Radiology Manager

---

**DON'T USE ANY OF THE ST. ROSE FOR THE 4 HR. SITE VISIT**

---

## REQUIRED RADIOGRAPHY PROGRAM COURSE WORK

### A. Required Radiography Courses

Course	Course Title	Semester Credits
*RAD 100	INTRODUCTION TO RADIOGRAPHY	3
*RAD 102	RADIATION SCIENCE (College Algebra is Pre-Req)	3
*RAD 117	PATIENT CARE IN RADIOGRAPHY	3
RAD 130	RADIOGRAPHY CLINICAL EDUCATION I	3
RAD 150	PHYSICS OF X-RAY PRODUCTION	3
RAD 151	PHYSICS OF X-RAY PRODUCTION LABORATORY	1
RAD 170	RADIOGRAPHIC POSITIONING & ANATOMY I	3
RAD 171	RADIOGRAPHIC POSITIONING & ANATOMY I LAB	1
RAD 172	RADIOLGRAPHIC POSITIONING & ANATOMY II (INCLUDING ADVANCED PROCEDURES)	4
RAD 173	RADIOGRAPHIC POSITIONING & ANATOMY II LAB	1
RAD 231	RADIOGRAPHY CLINICAL EDUCATION II	6
RAD 232	RADIOGRAPHY CLINICAL EDUCATION III	3
RAD 233	RADIOGRAPHY CLINICAL EDUCATION IV	3
RAD 234	RADIOGRAPHY CLINICAL EDUCATION V	6
RAD 254	RADIOGRAPHY QUALITY ASSURANCE & TECHNIQUE	3
RAD 274	INTRODUCTION TO RADIOGRAPHIC PATHOLOGY	3
TOTAL SEMESTER CREDITS IN RADIOLOGICAL SCIENCES		49

### B. Required UNLV Courses

Course	Course Title	Semester Credits
*BIO 189	FUNDAMENTALS OF LIFE SCIENCES	4
*BIO 223	HUMAN ANATOMY & PHYSIOLOGY I	4
*BIO 224	HUMAN ANATOMY & PHYSIOLOGY II	4
*MAT 124 or 126	COLLEGE ALGEBRA	3
*ENG 101	COMPOSITION AND RHETORIC	3
*ENG 102	COMPOSITION AND RHETORIC	3
*CS 115	INTRODUCTION TO COMPUTERS	3
TOTAL SEMESTER CREDITS IN UNLV CORE COURSES		24
TOTAL PROGRAM CREDITS		73

**\*May be taken PRIOR to acceptance into the Radiography Program**

## UNLV RADIOGRAPHY PROGRAM CURRICULUM

<b>FALL I</b>	Credits	Weekly Contact Hours
*RAD 100	3	3
*RAD 117	3	3
RAD 150	3	3
RAD 151	1	3
RAD 170	3	3
RAD 171	1	3
<hr/>		
	14	18

<b>FALLII</b>	Credits	Weekly Contact Hours
*RAD 102	3	3
RAD 232	3	16
*MAT 124/126	3	3
*ENG 101	3	3
*BIO 223	4	3
<hr/>		
	16	30

<b>SPRING I</b>	Credits	Weekly Contact Hours
*BIO 189	4	6
RAD 130	3	16
RAD 254	3	3
RAD 172	4	4
RAD 173	1	3
<hr/>		
	15	32

<b>SPRING II</b>	Credits	Weekly Contact Hours
RAD 233	3	16
RAD 274	3	3
*ENG 102	3	3
*CS 115	3	3
*BIO 224	4	5
<hr/>		
	16	30

<b>SUMMER I</b>	Credits	Weekly Contact hours
RAD 231	6	40
<hr/>		
	6	40 (10 weeks)

<b>SUMMER II</b>	Credits	Weekly Contact Hours
RAD 234	6	40
<hr/>		
	6	40 ( 8 weeks)

**Total Program Credits: 73**

**\*Courses which may be taken before acceptance to program.**

**UNLV**  
**School of Health and Human Sciences**  
**Radiography Program**  
**Recommended Community College Courses**  
**OR**  
**Nevada State College**

Students entering UNLV's Radiography Program may transfer some course work from CSN. The following represents current recommended transfer courses. It should be noted that acceptance of courses is subject to change. Thus, prior to enrolling in a course, the student should verify that a course is still transferable with the UNLV Admissions Office. It is recommended that all students meet with their advisor.

**ENTRANCE REQUIREMENTS:**

1. Admission to UNLV as a regular student.
2. Minimum of a 2.50 GPA
3. Completion of Program Application Form
4. Admission to Radiography Program

**COMMENTS:**

1. Admission to the Radiography Program occurs once a year in April for the Fall Semester. Students should be formally admitted to UNLV Spring Semester preceding their anticipated Fall admission
2. Radiography Program courses are only offered at UNLV. There are four Radiography courses which are open to all UNLV students if they meet the prerequisites. These may be taken by any student before they are formally accepted into the program. These courses include RAD 100, RAD 102 and RAD 117

**RECOMMENDED CSN COURSES**

<b>ENGLISH COURSE</b>		<b>CREDITS</b>	<b>EQUIVALENT UNLV</b>
ENG 101	Composition & Rhetoric	3	ENG 101
ENG 102	Composition & Literature	3	ENG 102
 <b>MATHEMATICS</b>			
MAT 124 or 126		3	MAT 124 or 126
 <b>COMPUTER SCIENCE &amp; STATISTICS</b>			
CS 115	Introduction to Computer Science	3	IS 101
 <b>BIOLOGICAL SCIENCES</b>			
BIO 189	Fundamentals of Life Sciences	4	BIO 189
BIO 223	Anatomy & Physiology I	4 to 5	BIO 223
BIO 224	Anatomy & Physiology II	4 to 5	BIO 224

**STUDENT TECHNOLOGIST ASSOCIATION IN RAD SCIENCE (STARS)**

A student group for PRE-RAD, RAD, and CMI students is available for membership.



Professional Licenses or Registries:

<u>Organization Awarding License or Registry</u>	<u>License or Registry No.</u>	<u>Area in which License was Awarded (e.g. Radiography)</u>	<u>State in which License Registry is Listed</u>	<u>Year of Award</u>
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

Have you met with a Radiography Program Advisor? Yes \_\_\_\_ No \_\_\_\_

I understand that this application will be reviewed by a Department Admissions Committee after UNLV and the School of Allied Health Sciences admissions are verified.

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

## **The Applicant's Letter** (Personal Statement)

The Applicant's letter is a requirement in the Radiography Program Admission process and is extremely important as it helps the committee to know and understand the applicant better. The letter must be typed (word Processed) and no longer than two pages in length. The letter is graded on the following criteria:

- (a) Knowledge of radiography
- (b) Reasons for entering the program
- (c) Future goals
- (d) Experiences in the Military, Peace Corp etc.
- (e) Health care experiences
- (f) Other relevant experiences
- (g) Grammar, spelling organization etc.

This letter should be turned in (or Mailed) with the Program Application. However, it is strongly recommended that neither document be submitted until the applicant has completed the required four-hour imaging department observation visit. Additionally, in fulfilling the criteria, please draw on as many personal experiences as you can, and good luck in the application process.

**Prior to the March 1 deadline, it is the applying students responsibility to ensure each of the following are in the applicant's application packet in the main Radiography Program Office (BHS 323) By 5 PM**

- ( ) 1. Proof of admission to UNLV.
- ( ) 2. Copies of all courses/grade transcripts.
- ( ) 3. Proof of Clinical Affiliate Hospital site visit.
- ( ) 4. Pre-admissions counseling session with the RAD Program Director.
- ( ) 5. Completed application to the RAD Program.
- ( ) 6. One-two page letter to the RAD Admissions Committee.