



Technology Program

Moorpark College Radiologic

7075 Campus Road, Moorpark, CA 93021

www.moorparkcollege.edu

http://www.moorparkcollege.edu/departments/academic/radiologic_technology/index.shtml

Armine Torabyan, Program Director, 805-553-4697 atorabyan@vcccd.edu

Chan Phu, Clinical Coordinator, 805-553-4777 chan_phu1@vcccd.edu

Lydia Basmajian, Health Sciences Counselor, 805-378-1428 lbasmajian@vcccd.edu

Health Sciences Department, 805-378-1433

Thank you for your interest in the two-year Associate Degree Program in Radiologic Technology. Our program begins once each year in June. Applications are accepted February 1 through February 28.

To discuss preparation for the Radiologic Technology Program, please schedule an appointment with the **Health Sciences Counselor**, *Lydia Basmajian* at (805)378-1428.

The program consists of three concurrent components: lecture, skills lab, and clinical lab (internship). The lecture and skills lab courses are taught on campus; the clinical lab-internship is conducted in our affiliated medical centers Radiology Department with state-of-the-art X-ray equipment.

All of the Radiography core courses are taught during the day, Monday through Friday approximately 8AM-5PM; some general education courses have evening and Saturday offerings, and some courses are available online. The two-year program includes approximately 2200 hours of clinical internship experience.

The hospital clinical practicum sites are: (1) Los Robles Hospital and Medical Center, Thousand Oaks, (2) Adventist Simi Valley Hospital, Simi Valley, (3) Providence Holy Cross Medical Center, Mission Hills, (4) Kaiser Permanente Medical Center, Panorama City, (5) Kaiser Permanente Medical Center, Woodland Hills, (6) Providence St. Joseph Medical Center, Burbank, (7) St. John's Regional Medical Center, Oxnard, (8) St. John's Pleasant Valley Hospital, Camarillo, (9) Henry Mayo Newhall Hospital, (10) Northridge Medical Center, Northridge

Our counseling department conducts a career information seminar about the Radiologic Technology Program throughout the fall and spring semesters. Please call them for the dates and time. (805)378-1428.

The courses and meeting times for each semester are listed in the **schedule of classes**. Information is subject to change; for current curriculum, consult the most recent **Moorpark College catalog**. It is available for purchase from the campus bookstore (805)555-2016.

Radiologic Technology Program Mission

The mission of the Moorpark College Radiologic Technology Program is to prepare the student to graduate as a qualified, competent, compassionate radiographer and member of the health care team.

Radiologic Technology Program Goals

The program faculty will guide the student in the acquisition of the following skills, knowledge and values:

1. Students will demonstrate clinical competence when performing radiological procedures.
2. Students will communicate effectively with patients, health care team and others with sensitivity to age, gender and cultural diversity.
3. Students will demonstrate critical thinking and problem-solving skills needed to provide safe, high quality patient care.
4. Students will graduate and will be prepared for employment as a competent entry-level Radiologic Technologist.

What is Radiologic Technology?

Radiologic Technology, or Radiography, or X-Ray as it may also be referred, is the art and science of using radiation to provide images of the bones, organs, soft tissue, and vessels that comprise the human body. These X-ray images, which are recorded on X-ray film or displayed on a video monitor, are then used as a tool to diagnose disease, injury, or congenital deformity.

Medical Imaging with radiation is an indispensable diagnostic tool of modern medicine; broken bones can be aligned, ulcers can be detected, and many other injuries, traumas, and diseases can be diagnosed with X-ray imaging. Diagnosis and treatment of a patient depend on the accurate and precise production of a radiographic (x-ray) examination. The health professional responsible for performing radiographic examinations is the ***Radiologic Technologist (R.T.)*** Radiologic Technologists are essential members of the health-care team, who work closely with physicians, nurses, and other members of allied health. Radiologic Technology is not for everyone; it can be physically and emotionally demanding, but for those individuals who are team players, dedicated, compassionate, and enjoy helping others, this is a rewarding and satisfying career.

Career Opportunities

Upon graduation and passing the state and national registry exams, our graduates have a license to practice in the state of California and are eligible to work nationally in: Hospitals, Major Medical Centers and Trauma Centers, Outpatient and Orthopedic / Sports- medicine, Specialty Clinics, Mobile Radiography Services.

Salary Range

National median salary range for Radiographers is approximately \$74,611 - \$102,446 a year for a full-time position with benefits. Per Diem salaries range from \$35.00 to \$57.00/hr. depending on the type of facility and geographical location.

Career Ladder

There are many choices on the career ladder for the Radiologic Technologist seeking promotion and diversity. Some of the following may require advanced training/education:

- Health Care Administration
- Radiology Dept. Administrator
- Department Manager
- Sales and Application Specialist of Imaging Equipment
- Radiography Educator within a college or within the Radiology Dept.
- Mammography
- Computed Tomography (CT)
- Magnetic Resonance Imaging (MRI)
- Special Procedures – Angiography, Heart Catheterization
- Radiation Therapy
- Nuclear Medicine
- Sonography
- Radiologist Assistant (RA)
- PACS Specialist

Articulation

Moorpark College ADRT graduates have the option of continuing on to acquire a Bachelor of Science Degree in Radiologic Technology (BSRT) at:

- California State University at Northridge (CSUN)

California State University, Northridge has articulated specific courses with Moorpark College granting transferable units in science, general education and radiologic technology.

If your intention is to get a Bachelors degree contact the Health Science counselor since pre-requisites will be different or visit CSUN website: www.csun.edu

Accreditation

The Moorpark College Radiologic Technology program is accredited by:

- Joint Review Committee of Education for Radiologic Technologists (JRCERT)
20 North Wacker Dr., Suite 2850 Chicago, IL 60606, phone 312-704-5300 www.jrcert.org
- California Department of Public Health, Radiologic Health Branch.
(RHB) MS 7610, PO Box 997414, Sacramento CA 95899-7414 phone 916-327-5106
www.cdph.ca.gov/rhb

Testing Agency

Students upon completion of all general education and radiography courses are eligible to take the California and National Licensing exam administered by:

- American Registry of Radiologic Technologists (ARRT)
1255 Northland Drive, St. Paul, MN 55120-1155 Phone 651-687-0048 www.arrt.org

Criminal Background/Drug Screen

As per requirements of our affiliating hospitals, students will be required to undergo a criminal background/drug screening. Moorpark College Health Sciences Department may be unable to place a student in a clinical setting if the student has a positive criminal background/drug screening report. In that case, the student will not be able to complete the program of required courses. ARRT, our testing agency, may also deny the application for licensure upon completion of the program based on a positive background/drug screen report.

IMPORTANT NOTICE: To assure eligibility for licensure, an applicant with a criminal felony or misdemeanor record (speeding and parking tickets are the only exception) is advised to pre-qualify with ARRT. Contact ARRT at www.ARRT.org or Phone # 651-687-0048

Curriculum Guide

Moorpark College Associate Degree in Radiologic Technology

This 24 month Radiography Program prepares the graduate to perform all diagnostic procedures in an X-ray department, as well as other health care settings. All required courses in the Radiography major must be completed with a grade of "C" or better. All General Education courses must be completed in order to sit for the licensure exam. The application period for this program is February 1 to February 28 yearly.

Admission Requirements

STEP 1:

Prerequisite Courses for Application to the Radiologic Technology Program

Student has to have completed these courses by application time. Contact your Health Sciences Counselor for a transcript evaluation.

Course	Units
NS M19 Medical Terminology (college course)	3
ANPH M01 Human Anatomy/Physiology or ANAT M01 and PHSO M01 (Prerequisite: 1 year of high school Chemistry or Chem M11 or M12 and ANAT M01 (or concurrent enrollment)	6 or 8
*MATH M03 Intermediate Algebra (or higher) (Math M03, M05, M10, M12, M15, M16A, M25A, STAT C1000) (M07 required for Bachelor's degree articulation with CSUN)	5
ENGL C1000A , previously ENGL M01A English Composition	4
NS M17 or RADT M17 Health care Ethics	3

*Math M07 required for Bachelor's degree articulation with CSUN

Note: Admission to the program is dependent on clearance of: Health Appraisal, Background Check and Drug Screen.

STEP 2:**General Education Courses**

These courses are necessary for the Associate Degree and must be completed prior to graduation.

Course	Units
Biological Science - (Recommended BIOL M01 or M02A)	3
*Physical science – Course of Choice	3
American History/Institutions - Course of choice	3
Social Science - Course of choice (Highly recommend COMM M04)	3
Fine/Performing Arts - Course of choice	3
Humanities - Course of choice	3
English Composition – ENGL C1000	4
Communication/Analytical Thinking – MATH M03 or higher	3
Physical Education - Course of choice	1

*Note: for bachelor's degree articulation with CSUN, take **PHYS M10A and M10B** with labs.

(Highly recommend **COMM M04** even if Social Science requirement is completed by taking another course.)

Radiography Course Sequence

Summer Semester #1 (9 weeks)

Course	Clinical Hours per week	Units
RADT M09 Basic Skills: Health Care Professional		.5
RADT M10B Intro to Radiographic Technique		2
RADT M10A Intro to Radiologic Technology		2
RADT M10AL Lab 2.5 hrs/week for 6 weeks at campus lab + 35 hrs/week for 3 weeks at a clinical site	35 hours/week for 3 weeks Monday - Friday	2.5

Fall Semester #1 (18 weeks)

RADT M01A Radiographic Practice I		3
RADT M01AL Radiographic Clinical Lab I	14 hours (2 days per week on Mondays and Fridays for 18 weeks)	4.5
RADT M01B Radiographic Technique I		3
RADT M01BL Radiographic Technique Lab I		1
RADT M11 Radiographic Lab I		1

Spring Semester #1 (18 weeks)

RADT M02A Radiographic Practice II		3
RADT M2AL Radiographic Clinical Lab II	14 hours (2 days per week for 18 weeks) Mondays and Fridays	4.5
RADT M02B Radiographic Technique II		3
RADT M02BL Radiographic Technique Lab II		1
RADT M12 Radiographic Lab II		1
RADT M15 Venipuncture/ECG for RADT		.5

Summer Session #2 (11 weeks)

Course	Clinical Hours per week	Units
RADT M49 Radiographic Practicum	28 hours/week for 10 weeks Monday - Thursday	4.5
RADT M15 Venipuncture		.5

Fall Semester #2 (18 weeks)

RADT M03B Radiographic Pathology		2
RADT M03 Advanced Radiographic Technique		4
RADT M03L Radiographic Clinical Lab III	32 hours (4 days per week for 18 weeks) Monday - Thursday	10.5

Spring Semester #2 (18 weeks)

RADT M04 Radiographic Fluoroscopy		1
RADT M04L Radiographic Clinical Lab IV	32 hours (4 days per week for 18 weeks) Monday - Thursday	10.5
RADT M14 Radiographic Film Critique Lab		1

Academic Policies

Please refer to the Moorpark College Catalog

http://www.moorparkcollege.edu/apply_and_enroll/college_catalog

Grading System

Please refer to the Moorpark College Catalog

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Clinical Obligations

First Summer semester is 35 hours/week.

First Fall semester is 14 hours/week.

First Spring semester is 14 hours/week.

Second Summer semester is 28 hours/week.

Second Fall semester is 32 hours/week.

Second Spring semester is 32 hours/week.

Graduation Requirements

For successful completion of the Radiologic Technology program, a minimum grade of C (75%) is necessary in all courses required for the major. To earn an Associate in Science Degree with a major in Radiographic Technology, students complete 64.5 specified units, plus General Education Degree Requirements.

Estimated Costs -Two Year Radiography Program (Does not include living expenses)

Uniforms and Shoes	(May be purchased at any uniform shops)	\$ 300
Radiation Monitor	Included in lab fees RADT M10L, RADT M49	\$ 76
Registration \$46 per unit *	66 units (program units only)	\$3,036
Books	(Approximately)	\$2,000
Student Fees	Health Center fee, Student Association fees, Parking/digital Clinical Portfolio (Trajecsys)	\$ 694
Compliance Tracker/Background/Drug Screen	Once per year during the program	\$ 175
Physical Exam, vaccinations, CPR and Fire Card		\$ 300-750
Licensure Fees	State and National Registry applications	\$ 500
Graduation Fees		\$ 60
Graduation Photos		\$
TOTAL	This total is approximate and subject to change	\$7,576

Refund Policies: Please refer to the Moorpark College Catalog
http://www.moorparkcollege.edu/apply_and_enroll/college_catalog

***International students and non-resident students, please consult the catalog. Also resident student fees may be increased by the State of California, check the most recent college schedule of classes.**

If you have any questions about this information, you may contact the Health Sciences Department at (805)378-1433.

The information provided in this handout will change if you hold a limited license from the State of California or are a foreign graduate (international transcripts must be provided) and wish admission into this program. Contact Armine Torabyan for previous work evaluation and recommended course of study.

Advanced Placement for Limited Permit X-Ray Technician (LPX)

The advanced placement candidate must:

- Hold a current California Limited Permit X-Ray License (LPX) for chest/extremities/torso-skeletal, and have a minimum of one year of full-time experience.
- Complete all prerequisites and required coursework for the ADRT
- Make an appointment with Program officials to evaluate work experience and recommended course of study.

Students who meet qualifications will be admitted with advance placement status on **a space-available basis according to a priority number issued at the time of application.**

Pre-Application to ARRT

□ IMPORTANT NOTICE:

Before enrolling in the program, it is the responsibility of anyone with a criminal Felony record to pre-qualify with the ARRT to ensure eligibility for licensure.

American Registry of Radiologic Technologists (ARRT)
1255 Northland Drive, St. Paul, MN 55120-1155 Phone 651-687-0048 www.arrt.org

Information is subject to change. Contact the Health Sciences Counselor or Program officials for up-to-date information and application.