

# RADIOGRAPHY

## Associate in Science Degree (CIP# 1351091100)

### Limited-Access

This program is designed for students who seek immediate employment in the healthcare field of Radiography. The radiographer is an integral member of the medical team dedicated to patient care whose primary role is to operate imaging equipment and perform technical procedures for the diagnosis and treatment of injury and disease. Radiography is a challenging and growing profession with additional career opportunities in computed tomography, magnetic resonance imaging, mammography, angiography, and quality assurance. With professional experience and additional education, management and education are career options. Radiographers are employed primarily in hospitals. Positions are also available in imaging centers, urgent care clinics, private physician offices, industry, and civil service and public health service facilities.

The program is accredited by the Joint Review Committee on Education in Radiology Technology. Graduates are eligible to take the national certifying examination administered by the American Registry of Radiologic Technologists.

Radiography is a limited-access program. Admission to Valencia does not imply acceptance to the Radiography Program; students must apply and be accepted to the program. General admission procedures for this program are found in the Admissions section of this catalog. The Division of Allied Health provides information about specific admission criteria.

Estimated program expenses are given in the Financial section of this catalog.

Admission requirements that must be satisfied prior to submitting an application to the A.S. Degree Program in Radiography are:

- Review the general admission requirements for Health Sciences programs in the Admissions section of this catalog.
- Submit a completed Valencia Application for Admission; satisfy the requirements for degree-seeking status and be in active student status.
- Satisfy the college entry testing requirements and satisfactorily complete all mandatory courses in reading, Professions of Caring (HSC 1004) for students pending acceptance to a health sciences program, or New Student Experience (SLS 1122), mathematics, English, and English for Academic Purposes in which you are placed.
- Complete the Radiography Prerequisites for Admission with a minimum grade of "C".
- Have a minimum overall college GPA of 2.5 (including transfer work). NOTE: Transfer students with completed coursework at Valencia College also need to have a minimum institutional/Valencia GPA of 2.0 at the time of applying (in addition to the minimum overall college GPA of 2.5).
- Satisfy the designated entrance test requirements for Health Sciences programs.
- Submit a completed Valencia Radiography Program application with the application fee.

The identified courses in the program curriculum include all courses that are required for the Radiography A.S. degree. A minimum grade of C

must be achieved in all courses in the program curriculum, including the prerequisite course required for admission.

The courses in the curriculum are progressive in nature, with one course building on the preceding course. Because of this progressive relationship, all courses in a term must be completed with a minimum grade C in order to continue to the next term. If a student achieves less than a C or withdraws from any course that is required for the Radiography A.S. degree, the student will not be allowed to continue in the program.

Students are strongly encouraged to consult their campus based Allied Health Program Advisor for assistance in determining the best education plan for their career goals.

### Alternative Ways to Earn Credit

If you have earned your credential as a Registered Technologist in Radiography R.T.(R), you may be eligible to receive credit toward this A.S. degree. For more information, visit: <https://valenciacollege.edu/academics/programs/as-degree/credit-industry-certification-agreements.php>. (<https://valenciacollege.edu/academics/programs/as-degree/credit-industry-certification-agreements.php>)

### Start Right

Degree-seeking students enrolling at Valencia for the first time will have a limited range of courses from which to choose for their first 18 college-level credits. Within the first 18 college credit hours, you will be required to take ENC1101 (3 credits), and if applicable, Professions of Caring (HSC 1004) for students pending acceptance to a health sciences program, or New Student Experience (SLS 1122), and a mathematics course appropriate to your selected meta-major (3 credits). The remaining courses will be chosen from the General Education Core Courses in humanities (3 credits), science (3 credits), or social science (3 credits), and/or the introductory courses within the A.S. degree programs. For specific courses see the *Foundation Courses* on the "Program Requirements" tab.

For course sequencing recommendations, see your campus based Allied Health Program Advisor or access the Course Planning Guide on the Health Sciences webpage <https://valenciacollege.edu/radiography> (<https://valenciacollege.edu/radiography/>)

### Potential Careers

- Radiographer
- Radiologic Technologist
- Radiologic Technician

### Salary & Earnings Information

For career information related to this program, please visit O\*Net OnLine (<https://www.onetonline.org/>).

## Contacts

### Future Students

To learn more about this program, contact Enrollment Services at [enrollment@valenciacollege.edu](mailto:enrollment@valenciacollege.edu) or 407-582-1507 or visit <https://valenciacollege.edu/radiography/>.

### Current Students

Active Valencia students who are *pending program acceptance* may meet with the pending Allied Health Program Advisor in the campus Student Services department. For Information Sessions, Admission Guides, Program Applications, and the most updated information,

visit the website at: <https://valenciacollege.edu/health> (<https://valenciacollege.edu/health/>) Accepted, *in-program* students will meet with their assigned Career Program Advisor after confirming acceptance.

## Program Outcomes

- Students will be clinically competent.
- Students will be able to communicate.
- Students will evaluate the importance of professional growth and development.
- Students will use critical thinking and problem solving skills.

### Prerequisite for Admission

BSC 2093C	HUMAN ANATOMY AND PHYSIOLOGY I <sup>++~</sup>	4
BSC 2094C	HUMAN ANATOMY AND PHYSIOLOGY II <sup>++~</sup>	4
MAC 1105	COLLEGE ALGEBRA <sup>++~</sup>	3
HSC 1531	MEDICAL TERMINOLOGY <sup>+</sup>	3
<b>Credit Hours</b>		<b>14</b>

### Year I

<b>Summer Term</b>		
RTE 1000	INTRODUCTION TO RADIOGRAPHY <sup>++</sup>	3
RTE 1111C	PATIENT CARE IN RADIOGRAPHY <sup>++</sup>	3
<b>Credit Hours</b>		<b>6</b>

### Fall Term

RTE 1418	PRINCIPLES OF RADIOGRAPHY I <sup>++</sup>	3
RTE 1503C	RADIOGRAPHIC PROCEDURES I <sup>++</sup>	4
RTE 1804L	RADIOGRAPHIC CLINICAL EDUCATION I <sup>++</sup>	2
ENC 1101	FRESHMAN COMPOSITION I <sup>++~</sup>	3
<b>Credit Hours</b>		<b>12</b>

### Spring Term

RTE 1458	PRINCIPLES OF RADIOGRAPHY II <sup>++</sup>	3
RTE 1513C	RADIOGRAPHIC PROCEDURES II <sup>++</sup>	4
RTE 1814L	RADIOGRAPHIC CLINICAL EDUCATION II <sup>++</sup>	2
<b>Credit Hours</b>		<b>9</b>

### Year II

<b>Summer Term</b>		
RTE 2762	SECTIONAL ANATOMY <sup>++</sup>	3
RTE 1523C	RADIOGRAPHIC PROCEDURES III <sup>++</sup>	4
RTE 1824L	RADIOGRAPHIC CLINICAL ED III <sup>++</sup>	3
PSY 2012	GENERAL PSYCHOLOGY <sup>++~</sup>	3
<b>Credit Hours</b>		<b>13</b>

### Fall Term

RTE 2563	PRINCIPLES OF RADIOGRAPHY III <sup>++</sup>	3
RTE 2834L	RADIOGRAPHIC CLINICAL EDUCATION IV <sup>++</sup>	3
RTE 2385	RADIATION BIOLOGY AND PROTECTION <sup>++</sup>	2
CGS 1060C	INTRODUCTION TO COMPUTERS <sup>+</sup>	3
<b>Credit Hours</b>		<b>11</b>

### Spring Term

RTE 2844L	RADIOGRAPHIC CLINICAL EDUCATION V <sup>++</sup>	3
RTE 2061	RADIOGRAPHIC SEMINAR <sup>++</sup>	3
RTE 2782	RADIOGRAPHIC PATHOLOGY <sup>++</sup>	3

Humanities	See Gen. Ed. Core or Institutional Requirement <sup>++~</sup>	3
<b>Credit Hours</b>		<b>12</b>
<b>Total Credit Hours</b>		<b>77</b>

- + This course must be completed with a grade of C or better.
- \* This course has a prerequisite; check description in Valencia catalog.
- ~ This is a general education course.

### Notes:

All accepted applicants are required to submit applications through Valencia for a criminal background check and drug testing. Applicants for Valencia's Health Sciences programs must be free of offenses that would disqualify them from a student clinical experience in a healthcare setting and must have their civil rights intact. This policy is in response to requirements by clinical agencies and state/federal regulations.

Specialized program courses are offered on the West Campus and may not be offered every session.

Upon earning the A.S. degree in Radiography, eligible applicants can continue at Valencia to complete the Bachelor's degree in Radiologic and Imaging Sciences (<http://catalog.valenciacollege.edu/degrees/bachelorofscience/astobsradiologicimagingciences/>) or a bachelor-level Advanced Technical Certificate (ATC) in Computed Tomography (CT), (<http://catalog.valenciacollege.edu/degrees/advancedtechnicalcertificates/computedtomography/>) Echocardiography (<http://catalog.valenciacollege.edu/degrees/advancedtechnicalcertificates/echocardiography/>), Magnetic Resonance Imaging (<http://catalog.valenciacollege.edu/degrees/advancedtechnicalcertificates/magneticresonanceimaging/>) (MRI) or Mammography (<http://catalog.valenciacollege.edu/degrees/advancedtechnicalcertificates/mammography/>). Additional education at the bachelor's level and professional experience can enhance your skills and create more career opportunities.

Students who wish to continue their education should consult with their Program Advisor to determine the best education plan for their career goals.