

# VALENCIA COLLEGE

## 2023-2024 Program Guide for the Associate in Science Degree in Radiography

**Application Deadline:** January 31st, 2023 for Summer 2024

**Admission requirements and application deadlines are subject to change. Please [check](#) for any admission updates.**

Students are admitted to Valencia's Radiography Program by a selective admission process. The Health Sciences Admission Committee selects 25 students once per year to begin the program in the Summer term.

### ADMISSION CHECKLIST

The admission requirements that **MUST** be satisfied **PRIOR** to application submission to Radiography are:

1. Read about Radiography admission, [program requirements](#), and the Valencia [Catalog](#); read this program guide in its entirety to confirm you are capable of meeting the Core Performance Standards in this guide.
2. Must be a U.S. Citizen a U.S. permanent resident or an International Student.  
**International Students:** In addition to a background check required for clinical compliance (after program acceptance), a second background check from your home country is required. If you have a concern about how this may impact your program acceptance, please contact the Health Sciences Compliance Office: [HSCCompliance@valenciacollege.edu](mailto:HSCCompliance@valenciacollege.edu).
  - (See [Page 3](#) of this Program Guide for [clinical compliance information](#))
  - **NOTE: All individuals who have DACA, Temporary Protection Status, Refugee, Asylee status, etc. must complete the [Employment Authorization Document \(EAD\)](#) prior to submitting application.**  
(Two valid IDs required to sit for Board Exam; Social Security documentation is required to be licensed)
3. Attend a Health Sciences Information Session (**strongly recommended**). Information Session dates are posted on the Health Sciences website: [valenciacollege.edu/health](http://valenciacollege.edu/health).
4. Submit a completed [Valencia Application](#) for Admission, click on **Future Students, Admissions**, and pay the \$35 application fee; satisfy the requirements for [Degree-Seeking Status and be in Active Student Status](#). Admission to Valencia does not imply acceptance to a health sciences program.
5. Submit **all official transcripts** from all institutions (**include High School transcripts or GED score report**) must be submitted to Valencia and posted on your record prior to applying. Students using AP/IB/CLEP scores to satisfy one or more prerequisite courses must request official scores from [collegeboard.org](http://collegeboard.org) (AP/CLEP) or [ibo.org](http://ibo.org) (IB). AP/IB/CLEP credits earned as 'Z' grades on record equate to 'A' grades for points.
6. Must be at least 18 years of age by the program start date.
7. Satisfy the Valencia entry testing requirements and satisfactorily complete any [Mandatory Courses](#) in Reading, Mathematics, English, and English for Academic Purposes in which you are placed (must be at college-level for Reading, Mathematics, English).
8. Complete the Prerequisites for Admission with a minimum grade of "C":  
***The grade for each course must be posted to your Valencia transcript.***

<b>BSC 2093C</b> Human Anatomy and Physiology I	4.0 Credit Hours	<b>MAC 1105</b> College Algebra	3.0 Credit Hours
<b>BSC 2094C</b> Human Anatomy and Physiology II	4.0 Credit Hours	<b>HSC 1531</b> Medical Terminology	3.0 Credit Hours

To be competitive for admission, these and additional Science and General Education courses should be completed with high grades. See the point system that follows.

9. Have a **minimum overall college GPA of 2.5** including all undergraduate transfer work for admission into the program. **Must be in good academic standing.** **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).
10. Prior to program application submission, you are encouraged to meet with your assigned advisor. You can

locate your assigned advisor by logging into Atlas, Courses tab, Academic Profile. It's recommended that you meet early in your course planning to ensure all requirements, including the program prerequisite courses in this guide are met.

11. Successfully complete the designated entrance exam, ATI Test of Essential Academic Skills (TEAS), with scores posted to your Valencia record of a minimum passing Composite score of **58.7** (subject to change). Scores on record may be used for admission criteria if test dates are **less than two years old** at the time of the application deadline **starting with the Summer 2023 application deadline**. Paper copies of scores are NOT accepted. The examination fee is the responsibility of the student. More information about ATI TEAS may be found on the [Assessment Center webpage](#). **If ATI TEAS was taken at another institution, students are required to:**
  1. Request official exam scores from the [ATI site](#).
  2. Then, complete the ATI [Matching Request form](#) (*assists to add scores to Valencia student record*)
12. After completing numbers 1 – 11 prior to the application deadline, submit a completed Radiography Program application, and pay the \$15 non-refundable Health Sciences program application fee. The application can be found at [valenciacollege.edu/health](http://valenciacollege.edu/health).

## RADIOGRAPHY ADMISSION POINTS GUIDE

The Health Sciences Admission Committee uses the following point system as a guide in the selection of the 25 qualified students to be admitted to the **Radiography** Program. Student selection is based on the total number of points earned.

In case of a tie, overall GPA and then the entrance test (ATI TEAS) score will be considered.

*If a student was previously accepted into a Health Sciences Program at Valencia and subsequently deemed ineligible for return to the program, the selection committee has the right to contact the applicant's previous program. This information will be included in the consideration for program admission.*

### PROGRAM COURSE REQUIREMENTS THAT AWARD ADMISSION POINTS

**The Highlighted course (Core Humanities) below is part of the new degree requirements to graduate with the A.S. Radiography degree.**

***The first four courses are prerequisite courses that must be completed by the application deadline.***

***You may not repeat a course for grade forgiveness for which you previously have earned a grade of A, B or C***

<b>BSC 2093C</b>	Human Anatomy & Physiology I	A=10 pts, B=8 pts, C=6 pts	4.0 credit hours
<b>BSC 2094C</b>	Human Anatomy & Physiology II	A=10 pts, B=8 pts, C=6 pts	4.0 credit hours
<b>MAC 1105</b>	College Algebra	A=10 pts, B=8 pts, C=6 pts	3.0 credit hours
<b>HSC 1531</b>	Medical Terminology	A=8 pts, B= 5pts, C=3pts	3.0 credit hours
<b>The following courses are required for graduation with the degree. Completion of these courses with a minimum grade of C prior to the application deadline will result in more admission points to be a competitive applicant.</b>			
<b>ENC 1101</b>	Freshman Composition I	A=3 pts, B=2 pts, C=1 pt	3.0 credit hours
<b>CGS 1060C -OR- CGS 2100C</b>	Introduction to Computers -OR- Computer Fundamentals and Application	A=3 pts, B=2 pts, C=1 pt	3.0 credit hours
<b>PSY 2012</b>	General Psychology	A=3 pts, B=2 pts, C=1 pt	3.0 credit hours
<b>Humanities</b>	See Gen. Ed. Humanities <b>Core</b> <a href="#">General Education</a> . <a href="#">Institutional courses</a> will be considered for points. <b>Core</b> is required to graduate.	A=3 pts, B=2 pts, C=1 pt	3.0 credit hours

**NOTE:** Transfer courses may need to be reviewed by an Advisor for potential course substitution or equivalency. **Courses taken at other institutions may not be equivalent to Valencia Allied Health Program course requirement, as listed in this guide.**

Course substitution or equivalency must be on your Valencia record before submitting program application. Course substitutions are only permitted when students have not previously earned a grade of A, B or C for the required course.

*Transfer courses with 'S' or 'P' grades need to be reviewed for eligibility by the [Health Sciences team](#)*

### ADDITIONAL ADMISSION POINTS AWARDED (OPTIONAL)

<b>PHY 1007C</b>	Physics with Medical Applications	A=6 pts, B=4 pts, C=2 pts
<b>HSC 1004 -OR- SLS 1122</b>	Professions of Caring - OR - New Student Experience	A=5 pts, B=3 pts, C=1 pt A=3 pts, B=2 pts, C=1 pt
<b>PHI 2600</b>	Ethics and Critical Thinking ( <b>does not satisfy the 'Core' graduation requirement</b> )	A=3 pts, B=2 pts, C=1 pt
<b>Alternate</b>	Previous-year applicant placed on Alternate List	3 pts
<b>Civic Literacy</b> <i>(Click for <a href="#">FCLE information</a>)</i>	<b>Successful fulfillment of Civic Literacy per graduation requirements.</b> <i>Florida Rule 6A-10.04213, prior to the award of an associate or baccalaureate degree, students initially entering a Florida College System institution in the 2022-23 school year* and thereafter must demonstrate competency in civic literacy prior to graduation.</i>	<b>1 pt</b> <i>Optional for a point towards admission, but required for A.S. Graduation</i>

Please check [Program Updates](#) page for the most updated information. Click here for [estimated program costs](#).

**Total Points = \_\_\_ Total Possible Points: 68**

# GUIDELINES for ALL HEALTH SCIENCE LIMITED ACCESS PROGRAMS (EXCEPT THE BACHELOR DEGREE PROGRAMS AND ADVANCED TECHNICAL CERTIFICATES)

Valencia's Health Science programs are offered through the School of Allied Health and the School of Nursing, which provide information about specific admission criteria for the programs. The Health Sciences Program Guides, of which this is one, are developed for a specific academic year (August to July) and, as a rule, changes to admission and program requirements becoming effective at the start of an academic year. **Valencia College, however, reserves the right to make changes in admission and program requirements as circumstances require.** If a mid-year change becomes necessary, it will be indicated in the information on the [Program Updates](#) page.

Students interested in a health sciences career are encouraged to explore the many challenging and rewarding opportunities available in health professions. The health sciences programs may have clinical experiences that expose the student to blood borne pathogens via contact with bodily fluids including, but not limited to blood and saliva. Students accepted into these programs will be expected to adhere to Centers for Disease Control (CDC) guidelines for the use of Standard Precautions. The CDC defines standard precautions as "a set of precautions designed to prevent the transmission of HIV, Hepatitis B virus (HBV), [and] other blood borne pathogens when providing first aid or health care." Under standard precautions, blood and certain body fluids are considered potentially infectious for HIV, HBV, and other blood borne pathogens. Students will be expected to adhere to hand hygiene protocols and consistent use of personal protective equipment including masks, gloves and eyewear. In some of the health sciences programs, students may need to conduct peer-to-peer examinations in lab settings.

Valencia offers eight health sciences programs which lead to an A.S. degree. They are the Cardiovascular Technology, Dental Hygiene, Diagnostic Medical Sonography, Emergency Medical Services Technology (including EMT and Paramedic technical certificates), Health Information Technology (including Medical Information Coder/Biller technical certificates), Nursing (R.N.), Radiography, and Respiratory Care. Admission to these programs is limited because of clinical facilities and staff. Once you complete your A.S. degree in Radiography, you can continue at Valencia to earn your bachelor's degree in Radiologic and Imaging Sciences or a bachelor-level Advanced Technical Certificate (ATC) in Computed Tomography (CT), Echocardiography, Magnetic Resonance Imaging (MRI) or Mammography. With additional education at the bachelor's level and professional experience, you will enhance your skills and have more career options available. Students whose official records indicate they are seeking admission to a limited access Associate in Science (A.S.) health sciences program will have the health sciences program designated as their secondary major and the Associate in Arts (A.A.) Degree designated as their primary major in order to maximize their educational opportunities. If the student has already earned a bachelor's or A.A. degree, the student will **not** have A.A. designated as a major.

## APPLICATION INFORMATION

Program Application information for each admission cycle can be found on the [program's webpage](#). Program applications received after the deadline date will not be considered for the identified term. Students who are not accepted will need to reapply for a future term. Students must complete a Valencia application for admission and the application for the specific health sciences program. **Admission to Valencia does not imply acceptance to the health sciences program.** Students may apply to more than one limited access Health Science program; however, enrollment is limited to only one Health Sciences program in a term. A new program application is required if reapplying for admission. Having previously earned a college degree does **not** grant an advantage in admission to a Health Sciences program that does not require a degree for admission, nor does it exempt students from taking the ATI Test of Essential Academic Skills (TEAS) if the ATI TEAS is required for admission to the program.

**Communication Policy:** Application review may take **4-6 weeks after the deadline closes.** **Students are expected to check Atlas email regularly for any communication about an application.** Application updates are **only** communicated through the Valencia College Atlas email. Students who are offered an accepted program seat are required to attend the mandatory program orientation to keep the seat and start the program. The admission decision email will include a **strict deadline** to accept an offered program seat. If a response is not received by the deadline of the acceptance invite, then the next student will be invited for the opportunity of acceptance.

**Mandatory Orientation:** The mandatory program Orientation for accepted students may be held four to six weeks prior to the program start date. Once accepted to a program, students will receive an email via ATLAS regarding the Orientation date, requirements, and deadlines. The Orientation materials will give the student information regarding the processes for completing background checks, fingerprinting, drug screening, and other requirements completed through the designated vendor.

## BACKGROUND CHECK, FINGERPRINTING, DRUG TESTING, IMMUNIZATIONS AND CPR CERTIFICATION

The Health Sciences programs include student clinical rotations in external affiliate health care facilities with which Valencia has agreements for student clinical assignments. The affiliates' policies require that students serving in a clinical rotation be cleared of offenses that would disqualify them from participating in student clinical assignments. Thus, all students **conditionally\* accepted** to a Health Sciences program are required to submit to a criminal background check, fingerprinting and drug testing as well as provide documentation of specific immunizations and American Heart Association (AHA) and Basic Life Support (BLS) CPR certification following acceptance to a program. The timeframe for meeting these requirements will be provided in the Orientation information that will be sent to the student upon acceptance through ATLAS email. **All clinical Compliance must be met to begin the program.** Students may need to renew their background and drug testing requirements annually. Email the Compliance Department for more details at [HSCompliance@valenciacollege.edu](mailto:HSCompliance@valenciacollege.edu). **\*If you have a positive background check, fingerprints or drug screening, you *may* be denied enrollment in a Health Sciences program due to the inability to participate in a student clinical assignment.** If you have concerns regarding known background issues, it is recommended that you email questions to [hscompliance@valenciacollege.edu](mailto:hscompliance@valenciacollege.edu).

## TRANSPORTATION TO CLINICAL SITES

If accepted to a program, students will be responsible for furnishing transportation to the community and/or hospital facilities used by Valencia for clinical practice. **Valencia is an Equal Opportunity Institution:** <http://valenciacollege.edu/HR/EqualAccessEqualOpportunity.cfm>

## **RADIOGRAPHY CORE PERFORMANCE STANDARDS FOR ADMISSION AND PROGRESSION**

Radiography is a practice discipline with cognitive, sensory, affective, and psychomotor performance requirements. Based on these requirements, the above list of "Core Performance Standards" has been developed. Each standard has an example of an activity or activities, which a student will be required to perform while enrolled in the Radiography Program. These standards are a part of each Radiography course and of the professional role expectation of a Radiographer.

For the Radiography Program, a "qualified individual with a disability is one who, with or without reasonable accommodations or modifications, meets the essential eligibility requirements for participation in the program." The School of Allied Health at Valencia makes no preadmission inquiries concerning an applicant's disability status. Information related to an applicant's disabilities is not a part of the information reviewed by the Admission Committee.

These Performance Standards should be used to assist students in identifying the academic and clinical expectations for all students. Students who may need reasonable accommodations to fulfill required program outcomes or clinical expectations are encouraged to contact the [Office for Students with Disabilities](http://valenciacollege.edu/HR/EqualAccessEqualOpportunity.cfm) to engage in an interactive process regarding their request. It is the student's responsibility to notify and register with the Office for Students with Disabilities to identify and receive reasonable accommodations. Reasonable accommodations are effective only after engaging in this process and are not retroactive. Determination is made on an individual basis as to whether any accommodations or modifications can be reasonably made. **Valencia is an Equal Opportunity Institution:** <http://valenciacollege.edu/HR/EqualAccessEqualOpportunity.cfm>

<b>CRITERIA</b>	<b>STANDARD</b>	<b>EXAMPLES OF REQUIRED ACTIVITIES (NOT ALL INCLUSIVE)</b>
Critical Thinking	Critical Thinking ability sufficient for safe clinical judgment.	<ul style="list-style-type: none"> <li>* Identify cause-effect relationships in clinical situations.</li> <li>* Evaluate radiographs to ascertain that they contain proper identification and are of diagnostic value.</li> <li>* Select exposure factors and accessory devices for all radiographic procedures with consideration of patient size, age, and extent of disease.</li> <li>* Assess patient's condition and needs from a distance of at least 20 feet.</li> <li>* Initiate proper emergency care protocols, including CPR, based on assessment data.</li> </ul>
Interpersonal	Interpersonal abilities sufficient to interact with individuals, families, and groups from a variety of social, emotional, cultural, and intellectual backgrounds.	<ul style="list-style-type: none"> <li>* Establish rapport with patients, families, and colleagues.</li> <li>* Display compassion, empathy and concern for others</li> <li>* Demonstrate a high degree of patience.</li> <li>* Work with other healthcare providers in stressful situations</li> </ul>
Communication	Communication abilities sufficient for interaction with others in verbal and written form.	<ul style="list-style-type: none"> <li>* Communicate verbally in English to the patient in order to: converse, instruct the patient, relieve anxiety, gain their cooperation during procedures, understand the patient when communicating symptoms of a medical emergency.</li> <li>* Read the patient's medical chart and/or physician's orders.</li> <li>* Legibly write patient history.</li> <li>* Documents own actions and patient responses as indicated.</li> </ul>
Mobility	Physical abilities sufficient to move from room to room and maneuver in small spaces.	<ul style="list-style-type: none"> <li>* Assist all patients, according to individual needs and abilities, in moving, turning, transferring from transportation devices to the x-ray table, etc.</li> <li>* Be able to push, pull, and lift 40 pounds.</li> <li>* Push a stretcher, wheelchair or other transportation device without injury to self, patient, or others.</li> <li>* Push a portable x-ray machine from one location to another, including turning corners, getting on and off of an elevator, and manipulating it in a patient's room.</li> </ul>
Motor Skills	Gross and fine motor abilities sufficient to provide safe and effective care.	<ul style="list-style-type: none"> <li>* Manually move the x-ray tube and position the tube at various angles at heights up to 7 feet.</li> <li>* Accurately draw up sterile contrast media and other solutions without contaminating the syringe and/or needle, etc.</li> <li>* Place cassettes in Bucky trays and spot film devices and properly manipulate all locks.</li> <li>* Physically be able to administer emergency care including performing CPR.</li> <li>* Be able to stand for periods as long as 2 hours wearing lead aprons and to walk a distance of 2 miles during a normal work day.</li> <li>* Input data into computer</li> </ul>
Hearing	Auditory abilities sufficient to monitor and assess patient needs, and to provide a safe environment.	<ul style="list-style-type: none"> <li>* Hear a patient talk in a normal tone from a distance of 20 feet.</li> <li>* Hear monitor alarm, emergency signals, and cries for help.</li> </ul>

Visual	Visual ability sufficient for observation and assessment necessary in the operation of equipment and care of patients.	* Observe the patient in order to assess the patient's condition and/or needs from a distance of, at least, 20 feet. * Can see numbers, letters, calibrations, etc. of varying sizes located on equipment utilized by a radiographer.
Tactile	Tactile ability sufficient for patient assessment and operation of equipment.	* Perform palpation, tactile assessment, and manipulation of body parts to insure proper body placement and alignment. * Manipulate dials, buttons, and switches.

**VALENCIA COLLEGE SCHOOLS OF ALLIED HEALTH AND NURSING**  
**Sample Form of the Health and Physical Core Performance Requirements**

Assess Ability to Meet Program Requirements	Y E S	N O	If NO, Note Limitations	Assess Ability to Meet Program Requirements	Y E S	N O	If NO, Note Limitations
<b>General Requirements (has the ability to...)</b>				<b>Require Lifting (ability to lift...)</b>			
Sit				Up to 10 lbs.			
Stand				11 to 24 lbs.			
Walk				25 to 34 lbs.			
Bend				35 to 50 lbs.			
Kneel				Up to and over 100 for some Clinical Areas			
Crouch				<b>Pushing/Pulling (ability to push and pull...)</b>			
Twist				Up to 10 lbs.			
Maintain Balance				11 to 24 lbs.			
Reach				25 to 34 lbs.			
Climb Stairs				35 to 50 lbs.			
<b>Sensory Requirements (has ability for...)</b>				Up to and over 100 for some Clinical Areas			
Far Vision				<b>Hand Manipulation (ability with...)</b>			
Near Vision							
Color Vision				Simple Grasping			
Depth Perception				Firm Grasping			
Seeing Fine Details				Fine Manipulation			
Hearing Norm Speech				Use of Keyboards			
Hearing Overhead Pages				<b>Mental &amp; Emotional Requirements (ability to...)</b>			
Infectious Diseases							
Chemical Agents				Cope with high level of stress			
Dust, Fumes, Gases				Make decisions under high pressure			
Extremes in Temperature or Humidity				Cope with anger/fear/hostility of others in a calm way			
Hazardous or Moving Equipment				Concentrate			
Loud Noises				Handle a high degree of flexibility			
				Handle multiple priorities in stressful situations			
				Demonstrate high degree of patience			
				Work in areas that are close and crowded			
				Verbally Communicate under stress			