# Limited Permit X-Ray Technician Program

**Responsibilities of a Limited Permit X-Ray Technician**

Limited Permit X-Ray Technicians take radiographs of various parts of a patient's body for analysis by a Physician or Radiologist. Career Care Institute's Limited Permit X-Ray Technician Program will prepare the graduate to take the California State Examination in three limited permit categories: Chest, Extremities, and Torso-Skeletal. The student will also receive training in back office Medical Assisting with training in vitals, ancillary medical procedures, and will receive a certificate of instruction in venipuncture and injections. Limited Permit Radiographers or X-Ray Technicians are trained to perform procedures commonly needed in outpatient clinics, physicians' offices, ambulatory care centers, urgent care facilities, and some imaging centers.

| Length of Program | Class Schedule |
|---|---|
| **Months:** 13<br>**Weeks:** 58<br>**Hours:** 1228<br>**CIP Code:** 51.0911 | **Theory**: Monday through Thursday<br>Morning: 8:00 am to 12:30 pm<br>Afternoon: 12:30 pm to 5:00 pm or<br>1:00 pm to 5:30 pm<br>Evening: 5:30 pm to 10:00 pm<br>***Externship**: Monday through Friday from 8:00 am to 5:00 pm **OR** 9:00 am to 6:00 pm |

*NOTE: *Hours vary depending on externship site availability. (517 hours are mandatory to receive the certificate). Students enrolled in the evening classes must be available to complete externship training during regular business hours. CCI cannot guarantee placement at a clinical site offering evening hours. Students must complete a minimum of 40 hours per week of clinical training.*

## Mandatory Prerequisites

The following are required before the first day of class:

- Passing score (pre-entrance exam)
- High school diploma or GED certificate with official transcript
- ID or driver's license
- Social Security card (signed)
- Essay and letter of recommendation
- Program Director's interview
- Orientation

## Testing Dates and Requirements

- Testing times are available by appointment **only**
- Testing duration is 1.5 to 3 hours
- Entrance exam results are valid for **one year**
- Negative TB result
- Negative drug screen
- Clear background check with no felony convictions

## Graduation

Upon completion of the program, the graduate will be awarded a certificate of completion in Back Office Medical Assisting/EKG Technician Assisting and Limited Permit X-Ray Technology in Chest, Extremities, and Torso-Skeletal. A certificate of instruction in Venipuncture and Injections will also be awarded. The graduate will then be eligible to take the State of California Limited Scope in Radiography Examinations for Chest, Extremities, and Torso-Skeletal. The graduate will also be able to sit for the National Certified Medical Assistant examination.

NOTE: The graduate must pass the California State Examination to receive a position as a Limited Permit X-ray Technician. Additionally, graduates will receive a review course after their externship to help prepare for the California State Examination.

## Course Summary

**Course: Basic Back Office (BBO)**
**Skills Clock Hours**: 162 (9 weeks)

**Description:** This course covers medical terminology, word parts, and abbreviations. The student will learn how to take patients' history, height/weight, temperature, pulse, respirations, and blood pressure. Student lab activities will include vital signs using various methods, injections, venipuncture, EKG, and urinalysis.

**Course: LPXT1 & LPXT2**
**Clock Hours**: 549 (30.5 weeks)

**Description**: These modules are an introduction to limited radiography, pertinent terminology, medical ethics, equipment operation, radiological physics, image evaluation, mathematics, and exposure techniques for the limited radiographer, digital radiography, and radiation protection.

Students will also observe procedures and be required to perform procedures in the X-ray laboratory. Modules will also cover radiographic anatomy and physiology, radiographic positioning of the chest, extremities, and torso skeletal. As well as cover radiographic positioning of Pediatric and Geriatric patients.

**Course: LPXT3 & Review**
**Course Clock Hours**: 517

**Description**: The student will be required to complete a minimum number of radiographic procedures: 50 Chest, 200 Torso skeletal, 50 lower extremities, and 50 upper extremities. The externship period is a minimum total of 472 externship hours (minimum of 40 hours per week). The externship will be completed after **Didactic** training.

The student may complete externship at their current employer if radiographic services are available. Please note that current employers must first be approved by the CDPH-RHB to accept students. CCI can provide the students and employers with the information needed to do so. Otherwise, the student shall cooperate with the Externship Office for placement at another facility.

In addition, once completed with externship, students will be required to attend the Review Course. The student will receive lectures and be given assignments to facilitate their review of all components of the Limited Permit X-Ray Technician Program. The Review Course is a total of 45 hours.

## Licensure

The Graduate must pass the California State Examination to receive a permit in Limited Scope Radiography. The graduate may then accept a position as a Limited Permit X-Ray Technician. Graduates will receive a refresher course during their externship to help prepare them for the California State Examination. Additionally, graduates will have the opportunity to take the National Certified Medical Assistant examination, which makes them Certified Medical Assistants if they pass the exam.

*Career Care Institute is accredited by the Commission of the Council on Occupational Education (COE).*

## Tuition and Costs

| Limited Permit X-Ray Technician Program | | |
|---|---|---|
| **Registration Fee[1] Due Upon Enrollment** | | $80.00 |
| Books[3]: | | |
| Workbook of Radiographic Positioning and Related Anatomy | $132.99 | |
| Workbook Bushong Radiologic Science for Technologists | $66.99 | |
| Mosby's Comprehensive Review of Radiology | $85.99 | |
| Study Guide and Procedure Checklist Manual, Medical Assistant | $64.99 | |
| Handbook of Radiographic Positioning and Techniques | $70.99 | |
| Textbook of Radiographic Positioning and Related Anatomy (e-book) | $279.99 | |
| Radiologic Science for Technologists (e-book) | $179.99 | |
| Introduction to Radiographic & Imaging Sciences and Pt Care (e-book) | $129.99 | |
| Radiographic Image Analysis (e-book) | $129.99 | |
| Comprehensive Radiographic Pathology (e-book) | $129.99 | |
| Administrative Medical Assistant Sherpath (e-book) | $199.99 | |
| Clover Learning (12m Access) + HESI Practice and Prep | $355.11 | $1,827.00 |
| Supplies[3]: dosimeter + film + training supplies + RDC (badges) + LMS | | $800.00 |
| Uniform[3]: 1 set + jacket (1 set when reaching mod 3) | | $180.00 |
| State Licensing Exam: Chest, Torso, and Extremities | | $650.00 |
| STRF[2] | | $0.00 |
| Tuition | | $25,788.00 |
| **Total** | | **$29,325.00** |
| **Required Items Not Included in Tuition** | | |
| Background Check[1,4] | | $65.00 |
| Drug Screen[1,4] | | $65.00 |
| Background Check and Drug Screen[1,4] | | $130.00 |

[1]*Non-refundable and price is subject to change depending on economic situation.*

[2]*You must pay the state-imposed assessment for the Student Tuition Recovery Fund (STRF) if all of the following applies to you: 1) You are a student who is a California resident, or are enrolled in a residency program, and prepay all or part of your tuition either by cash, guaranteed student loans, or personal loans, and 2) Your total charges are not paid by any third-party payer such as an employer, government program, or other payer unless you have a separate agreement to repay the third party. You are not eligible for protection from the STRF, and you are not required to pay the STRF assessment, if either of the following applies: 1) You are not a California resident, or are not enrolled in a residency program, or 2) Your total charges are paid by a third party, such as an employer, government program, or other payer, and you have no separate agreement to repay the third party.*

[3]*Books, Uniform, and Supplies become student purchases once issued to student. Students who drop or have been dismissed after these have been issued will assume ownership of said items and will not be eligible for refunds.*

[4]*May need to be repeated, at the student's expense, at any time during the program, depending on externship site requirements.*

**JOB PLACEMENT ASSISTANCE IS PROVIDED TO ALL GRADUATES IN ALL PROGRAMS**

We can help you through the Financial Aid process! Career Care Institute's Financial Aid Staff is ready to help you apply for a financing package that fits your goals and get your financing plan together before your chosen class starts. ( Financial Aid is available to those who qualify.) For further Financial Aid Consumer information, go to our website: http://ccicolleges.edu/financial-aid/ or request an appointment with one of our specialized Financial Aid Representatives.

For updated Crime Safety and Security Report information, visit http://ccicolleges.edu/general-disclosures/. (PDF file is available for download). We also provide current information in student break rooms and/or by requesting a copy from the Admissions Office.

Rev. 2/29/24, 5/01/25, 10/05/26