

# COMBINED LABORATORY AND X-RAY TECHNOLOGIST



## WHAT THEY DO

Combined laboratory and x-ray technologists are responsible for collecting, preparing and analyzing patient samples. They conduct medical laboratory tests and administer electrocardiograms. They are also responsible for general radiography exams (X-ray). Combined laboratory and x-ray technologists use a variety of sophisticated instruments and equipment including microscopes, computers and various analyzers, and test kits to get medical results. They also use highly technical radiographic machines to produce high quality x-ray images for the Radiologist to interpret and that they are done in accordance with physician requests. They are responsible for ensuring equipment and instruments are working properly and troubleshooting as necessary.

## HOW THEY WORK

Combined laboratory and x-ray technologists work in a variety of facilities, including rural hospitals, cancer care centres, x-ray clinics and community and public health labs. In the course of their work, they collaborate with a variety of other health care disciplines, such as other technologists and therapists, physicians and nurses to provide the best patient care. They provide leadership and work guidance to fellow laboratory and x-ray staff and students.

## TRAINING

To become a Combined Laboratory & X-Ray Technologist, you must complete a diploma specializing in combined lab and x-ray technology. The Northern Alberta Institute of Technology has the only Alberta-based Combined Laboratory & X-Ray Technologist program. Combined Laboratory & X-Ray Technologists are regulated by the Alberta College of Combined Laboratory and X-Ray Technologists.

## RESOURCES

### REGULATORY BODY:

Alberta College of Combined Laboratory and X-Ray Technologists: <https://www.acclxt.com/>

### ALBERTA ALIS PROFILE:

<https://alis.alberta.ca/occinfo/occupations-in-alberta/occupation-profiles/combined-laboratory-and-x-ray-technologist/>

### AHS CAREER PROFILE:

<https://www.albertahealthservices.ca/careers/Page11693.aspx>