



Udaan
Skilling & Training Institute
GOVERNMENT APPROVED CENTER
ISO 29993:2017

What You'll Learn

The technological innovation and revolution in healthcare industry is expanding at breakneck speed. And along with it comes increasingly higher expectations.

Are we prepared to absorb such a huge change?

At Udaan students are trained by industry expert faculties in:

- Preparing specimens
- Collecting blood and perform various diagnostic tests by analyzing body fluids.
- Operating automated sample analyzing machines
- Setting up testing equipment
- Maintaining tools and conditions etc.
- Preparing documentation procedure as all the medical tests are documented from start to end.



Program Information

Students in a medical laboratory technician program will learn about the theoretical and practical applications of procedures and equipment used in a medical laboratory environment.

Main topics covered in course:

- Communicative English and computer fundamentals
- Clinical bio chemistry
- Clinical micro biology & parasitology
- Haematology, blood banking & Histo pathology



CURRICULUM

- Lecture1.1 Introduction to Laboratory
- Lecture1.2 Laboratory Safety
- Lecture1.3 Anatomy & Physiology
- Lecture1.4 Haematology
- Lecture1.5 Preparation of Blood Components
- Lecture1.6 Blood Collection
- Lecture1.7 Close Blood Collection System
- Lecture1.8 Open Blood Collection System
- Lecture1.9 Overview of Phlebotomy
- Lecture1.10 Phlebotomy & Its Importance , TRF
- Lecture1.11 Types of Clinical Lab Specimens
- Lecture1.12 PAP staining
- Lecture1.13 Introduction to Pathology
- Lecture1.14 Clinical Pathology — Intro
- Lecture1.15 Clinical pathology — Urine Physical
- Lecture1.16 Clinical pathology — Chemical tests of Urine
- Lecture1.17 Clinical Pathology — Semen examination
- Lecture1.18 Clinical Pathology — Sputum Examination
- Lecture1.19 sero — Intro, RA, CRP
- Lecture1.20 Biochemistry Introduction
- Lecture1.21 aso
- Lecture1.22 Hepatitis
- Lecture1.23 sero — widal 2
- Lecture1.24 HIV — 3
- Lecture1.25 Sero — HIV 1
- Lecture1.26 Sero — syphilis
- Lecture1.27 Clinical Biochem — Diabetes
- Lecture1.28 Clinical Biochem — ALP and Bilirubin
- Lecture1.29 Clinical Biochem — LFT
- Lecture1.30 Clinical Biochem — RFT
- Lecture1.31 Clinical Biochem — Electrolytes
- Lecture1.32 Clinical Biochem — Lipid profile
- Lecture1.33 Clinical Biochem — Thyroid
- Lecture1.34 Blood Components — RBC, WBC and Platelets