

# Medical Terminology MT 124

1 <sup>st</sup> year Semester Two				
Course Title	Lecture	Tutorial	Practical	Credit Hours
Medical Terminology	2	-	-	2

## ***Course Description***

Pathologic manifestations on the radiograph and the subsequent technical variation required to produce an optimal diagnostic examination.

## **Prerequisite :**

None

## **Text Book**

- (1) Thompson, Thomas, (Primer of Clinical Radiology), 2<sup>nd</sup> ed – Little Brown and Company.
- (2) Drummond, (Radiographic Techniques related to pathology).
- (3) Davis, (Medical Terminology) , 3<sup>rd</sup> ed, - heinmann

## **Course Objective**

To orient students to pathological terminology and radiographic demonstration of pathology and their role in the production of an optimally diagnostic results. The course is designed to interface the radiologic technologist and the radiologist or doctor's view of the radiographic study.

## **Topic covered**

### **Lecture 1:**

- course content, as introductory lecture.
- Objectives: to orient the student about the course objectives and outlines in general.

### **Lecture 2:**

- Medical terminology.
- Medicine.
- Disease.
- Causes and classification of diseases.
- Manifestation of disease.
- Diagnosis of disease.
- Objectives: the student will know what is meant by medical terminology, medicine, disease, causes and classification of disease, manifestation of disease and diagnosis of disease.

### **Lecture 3:**

- Treatment of disease.
- Some drugs used in medicine.
- Branches of medicine.
- Branches of surgery.

- Objectives: the student will get knowledge about Treatment of disease, some drugs used in medicine, branches of medicine and branches of surgery.

### **Lecture 4:**

- Manifestation of damage to tissue cells.
  - Necrosis.
  - Degeneration.
  - Pathological calcifications.

- Objectives: the student will get knowledge about different manifestation of damage to tissue cells.

### **Lecture 5**

- Infection.
  - Examples of infective disease caused by various forms of micro-organisms.
  - Micro-organisms access to the human body.
  - Clinical signs and symptoms of infective diseases.

- Objectives: the student will be able to determine what does infection is

\*\* (Suffixes & Prefixes which are 20/lecture were ended at this step).

### **Lecture 6**

- Inflammation.

- Objectives: is to orient the student about inflammation and its different causes

### **Lecture 7,8**

- Antibody formation.
- Repair.

- Objectives: is to give the student the ability to know how the body is able to built the antibody and how the body can repair the damage that affect its tissues.

\*\* (Some components of words referring to body structure which are 20/lecture were ended at this step).

### **Lecture 9**

- Disorders of growth.
- Disorders of blood circulation.

- Objectives: to get knowledge about growth and blood circulation disorders.

### **Lecture 10**

Test

### **Lecture 11,12**

- Infectious fever.
- Measles (Morbilli).
- German measles (Rubella).
- Whooping cough.
- Mumps.
- Chicken pox.
- Objectives: to get knowledge about infectious fevers its cause and how it develop inside the human body.

**Lecture 13,14**

- Infectious fever.
    - Small pox (variola).
    - Diphtheria.
    - Scarlet fever.
  - Objectives: to get knowledge about infectious fevers its cause and how it develop inside the human body.
- \*\* (**Assignments:** Typhoid & paratyphoid fevers + Meningococcal meningitis).

\*\* (Some Important abbreviations which are 20/lecture were ended at this step).

**Lecture 15**

General course revision

**. Class Laboratory Schedule:**

- 2 Hours lectures, per week.

**. Laboratory Project:**

- None.

**Contribution of Course to Meeting the Professional Components:**

- Basic science 2 credit hours.

**. Relationship of Course to Program Outcome:**

-This course will enable the student to apply the knowledge they gain, in diagnostic and radiotherapy basic medical courses and specified techniques.

**Prepared By:**

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**Date Of Preparation**

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