

## (Module Name)Course Catalogue

### 2022-2023

<b>College</b>	<b>Erbil polytechnic University</b>	
<b>Department</b>	<b>Community Health</b>	
<b>Module Name</b>	<b>Communicable Disease</b>	
<b>Module Code</b>	COD406	
<b>Semester</b>	4	
<b>Credit</b>	6	
<b>Module type</b>	Core	
<b>Weekly hours</b>	4Hours	
<b>Weekly hours (Theory)</b>	( 2)hr Class	( 50 )hr Workload
<b>Weekly hours (Practical)</b>	( 2)hr Class	( 100 )hr Workload
<b>Lecturer (Theory)</b>	Ayad Kareem Ali	
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<b>Lecturer (Practical)</b>	Rawshan Loqa Hanna	
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## Course Book

**Course overview:** in this course the student will have the basic information about communicable diseases that infect human being and the infectious agents that cause these diseases, their characteristics. They learn also their mode of transmission how the community be prevented from these infectious diseases preventive measure that required to limit spread of these agents and how we deal with these patients and control them in hospital or their residence . the which disease is of public health importance need to be eliminated or eradicated. The student should learn infection controls needed in health care facilities and know what's the outbreaks and how to prevent and control them.

- **Course objective:**

At the end of the year the students will be able to know the:

- a. important infectious or communicable diseases.
- b. mode of transmission of these diseases.
- c. Diagnosis of these diseases.
- d. prevention and control them
- e. Outbreaks and investigation of outbreaks

**-Student's obligation**

It is necessary all the students listen and write notes and their obligations throughout the academic year and the attendance and completion of all tests, exams. It should also practice in the laboratory or another place for obtaining more knowledge about subject.

- **Forms of teaching**

lecture halls with data show equipment for lecture presentations, white board, overhead projector, posters

- **Assessment scheme**

10% Mid. Theory exam	Final theory %20
15% Mid. practical exam	Final practice exam %20
8% Quiz	report and seminar %10
2%Activity	homework %5
	Lab report %10

<p>30%final practical 15% final theory</p>		
<p>- <b>Specific learning outcome:</b> Student able to understand the principle of communicable disease. Learn about communicable disease and how recognize disease, ways of prevention. And control.</p>		
<p>- <b>Course Reading List and References:</b> <b>Communicable disease control (Mulugeta Alemayehu Hawassa University).</b> Internet\ <a href="https://www2.gnb.ca/content/gnb/en/departments/ocmoh/cdc/content/food_andwaterborne.html">https://www2.gnb.ca/content/gnb/en/departments/ocmoh/cdc/content/food_andwaterborne.html</a></p>		
- <b>Course topics (Theory)</b>	<b>Week</b>	<b>Learning Outcome</b>
<b>Introduction of communicable disease part\1</b>	<b>1<sup>st</sup> week</b>	<p>1- The student learns meaning of communicable disease.</p> <p>2- What's infection and its type.</p> <p>3- How communicable disease spread.</p>
<b>Introduction of communicable disease part\2</b>	<b>2<sup>nd</sup> week</b>	<p>1- Types of pathogen.</p> <p>2- Methods of Communicable Disease Control</p>
<b>What are food- and water-borne illnesses</b>  <b>Cholera</b>	<b>Third week</b>	<p>The student learns:</p> <p>1- Name of disease which transmitted by food and water.</p> <p>2- Causes and symptoms of Cholera.</p> <p>3- Control and treatment of cholera.</p>
<b>Typhoid fever</b>	<b>Fourth week</b>	<p>1- Causes and symptoms of Typhoid fever.</p> <p>2- Control and treatment of</p>

		<b>Typhoid fever</b>
<b>Escherichia coli Infection</b>	<b>Fifth week</b>	<b>1- Causes and symptoms of Escherichia coli Infection.</b> <b>Control and treatment Escherichia coli Infection</b>
<b>AIR-BORNE DISEASES</b> <b>COVID-19</b>	<b>Sixth week</b>	<b>The student learns:</b> <b>Name of AIR-BORNE DISEASES</b>  . <b>1- Causes and symptoms of COVID-19</b> <b>2- Control and treatment of COVID-19</b>
<b>Influenza and common cold</b>	<b>Seventh week</b>	<b>1- Causes and symptoms of Influenza and common cold.</b> <b>2- Control and treatment of Influenza and common cold.</b>
<b>Tuberculosis</b>	<b>Eighth week</b>	<b>1- Causes and symptoms of Tuberculosis</b> <b>2- Control and treatment of Tuberculosis.</b>
<b>Vector borne diseases</b>	<b>Ninth week</b>	<b>The student learns:</b> <b>Name of Vector borne diseases</b>  .
<b>Malaria</b>	<b>Tenth week</b>	<b>1- Causes and symptoms of Malaria</b> <b>2- Control and treatment of Malaria</b>
<b>SEXUALLY TRANSMITTED DISEASE</b> <b>HIV/AIDS</b>	<b>Eleventh and twelfth week</b>	<b>The student learns:</b> <b>Name of Vector borne diseases</b>  <b>1- Causes and symptoms of</b>

<b>Review</b>		<b>HIV/AIDS</b> <b>Control and treatment of HIV/AIDS</b>
<b>- Course topics (Practice)</b>	<b>Week</b>	<b>Learning Outcome</b>
<b>Introduction of communicable disease part\1</b>	<b>1<sup>st</sup> week</b>	<b>4- The student learns meaning of communicable disease. 5- What's infection and its type. 6- How communicable disease spread.</b>
<b>Introduction of communicable disease part\2</b>	<b>2<sup>nd</sup> week</b>	<b>3- Types of pathogen. 4- Methods of Communicable Disease Control</b>
<b>What are food- and water-borne illnesses</b> <b>Cholera</b>	<b>Third week</b>	<b>The student learns: 4- Name of disease which transmitted by food and water. 5- Causes and symptoms of Cholera. 6- Control and treatment of cholera.</b>
<b>Typhoid fever</b>	<b>Fourth week</b>	<b>3- Causes and symptoms of Typhoid fever. 4- Control and treatment of Typhoid fever</b>
<b>Escherichia coli Infection</b>	<b>Fifth week</b>	<b>2- Causes and symptoms of Escherichia coli Infection. Control and treatment Escherichia coli Infection</b>

<p><b>AIR-BORNE DISEASES</b></p> <p><b>COVID-19</b></p>	<p><b>Sixth week</b></p>	<p><b>The student learns:</b></p> <p><b>Name of AIR-BORNE DISEASES</b></p> <p>.</p> <p><b>3- Causes and symptoms of COVID-19</b></p> <p><b>4- Control and treatment of COVID-19</b></p>
<p><b>Influenza and common cold</b></p>	<p><b>Seventh week</b></p>	<p><b>3- Causes and symptoms of Influenza and common cold.</b></p> <p><b>4- Control and treatment of Influenza and common cold.</b></p>
<p><b>Tuberculosis</b></p>	<p><b>Eighth week</b></p>	<p><b>3- Causes and symptoms of Tuberculosis</b></p> <p><b>4- Control and treatment of Tuberculosis.</b></p>
<p><b>Vector borne diseases</b></p>	<p><b>Ninth week</b></p>	<p><b>The student learns:</b></p> <p><b>Name of Vector borne diseases</b></p> <p>.</p>
<p><b>Malaria</b></p>	<p><b>Tenth week</b></p>	<p><b>3- Causes and symptoms of Malaria</b></p> <p><b>4- Control and treatment of Malaria</b></p>
<p><b>SEXUALLY TRANSMITTED DISEASE</b></p> <p><b>HIV/AIDS</b></p>	<p><b>Eleventh week</b></p>	<p><b>The student learns:</b></p> <p><b>Name of Vector borne diseases</b></p> <p><b>2- Causes and symptoms of HIV/AIDS</b></p> <p><b>Control and treatment of HIV/AIDS</b></p>

<b>- Examinations (question design):</b> Q\ Multiple choice? Q\ Enumerate ? Q\ True and false?		
<b>- Extra notes:</b>		
<b>- External Evaluator</b>		