

Course Unit	Clinical Pathology II	Field of study	Health
Bachelor in	Dietetics and Nutrition	School	School of Health
Academic Year	2019/2020	Year of study	2
Type	Semestral	Semester	2
Workload (hours)	135	Contact hours	T - 60 TP - 60 PL - TC - S - E - OT 6 O -
		Level	1-2
		Code	8149-501-2206-00-19
		ECTS credits	5.0

T - Lectures; TP - Lectures and problem-solving; PL - Problem-solving, project or laboratory; TC - Fieldwork; S - Seminar; E - Placement; OT - Tutorial; O - Other

Name(s) of lecturer(s)

### Learning outcomes and competences

At the end of the course unit the learner is expected to be able to:  
To describe pathological events related with respiratory tract, gastrointestinal tract, liver, kidney and reproductive systems.

### Prerequisites

Before the course unit the learner is expected to be able to:  
None

### Course contents

1. Diseases of Liver and and Biliary Tract. Pancreatic Disorders 2. Diseases of the Lung and the Respiratory Tract. 3. Diseases of Female Reproductive System 4. Diseases of Male Reproductive System 5. Diseases of the Kidney 6. Diseases of the Endocrine System 7. Diseases of the Nervous System

### Course contents (extended version)

1. Liver and Biliary Tract, Pancreas Diseases
  - Hepatic Injury. Cirrhosis. Hepatic Failure. Hepatitis.
  - Tumours of the Liver. Disorders of the Gallbladder and Biliary Tract.
  - Chronic and Acute Pancreatitis Diabetes mellitus
2. Diseases of the Lung and the Respiratory Tract
  - Asthma
  - Chronic Obstructive Pulmonary Diseases
  - Pneumonia, Tuberculosis
3. Female Genital System and Breast
  - Infections
  - Tumors
  - STD
4. Male Genital System
  - Infections
  - Neoplasms.
  - STD
5. Kidney disease
  - Acute renal failure
  - Chronic renal failure
  - Syndrome
6. Disorders of the Endocrine System
  - Diabetes Mellitus. Metabolic Disorders. Diabetic Retinopathy
7. Disorders of the Nervous System
  - Malformations and Trauma
  - Cerebrovascular Diseases
  - Degenerative Disorders: Multiple Sclerosis and other Demyelinating Diseases
8. Cardiac pathology
  - Cardiac insufficiency
  - AIM
9. Musculoskeletal pathology
  - Dystrophinopathy
  - Myopathies
10. Wounds
  - Burns
  - Ulcers

### Recommended reading

1. Kumar, Vinay, Cotran, Ramizi S. , & Robbins, Stanley L. (Eds. ). (2003). Robbins Patologia Básica (7ª ed. ): Saunders Elsevier Science.
2. Rubin, Raphael, & Strayer, David S. (Eds. ). (2005). Patologia: Bases Clinicopatológicas de Medicina (4ª ed. ): Guanabara Brasil.
3. Sergio, J. Silveira, Coutinho, Isabel, & Marques, Sandra (Eds. ). (2002). Fundamentos de Patologia para Técnicos de Saúde (2ª ed. ): Lusociência.
4. Damjanov I. Pathology for the health-related professions. 2nd ed. Philadelphia: Saunders (2000)

### Teaching and learning methods

Theoretical and Practical lessons with audiovisual support. Engagement in creative clinical cases in order to develop critical thinking and clinical reasoning.

### Assessment methods

1. Alternative 1 - (Regular, Student Worker) (Final)
  - Intermediate Written Test - 50% (During the semester)
  - Presentations - 50% (During the semester)
2. Alternative 2 - (Regular, Student Worker) (Final)
  - Final Written Exam - 100%
3. Alternative 3 - (Regular, Student Worker) (Supplementary)
  - Final Written Exam - 100%
4. Alternative 4 - (Student Worker) (Special)

**Assessment methods**

- Final Written Exam - 100%

**Language of instruction**

Portuguese

**Electronic validation**

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25-03-2020	30-03-2020	30-03-2020	30-03-2020