

<b>Course title</b>	<b>Nosology</b>				
<b>Course Code</b>	<b>MEDI216</b>				
<b>Course Type</b>	<b>Theoretical</b>				
<b>Level</b>	<b>Diploma</b>				
<b>Year / Semester</b>	<b>2<sup>nd</sup> Year / 3<sup>rd</sup> Semester</b>				
<b>Teacher's Name</b>	<b>Dr. Stylianou Vaso</b>				
<b>ECTS</b>	6	<b>Lectures / week</b>	3	<b>Laboratories / week</b>	0
<b>Course Purpose and Objectives</b>	The aim of the course is to make students aware of the most basic and frequent diseases that cause pathologies in the human body, both as a whole and individual systems. In addition, it focuses on understanding clinical symptomatology, number of diseases and the related implications for their prevention and treatment.				
<b>Learning Outcomes</b>	<p>Upon completion of the course, students are expected to:</p> <p><b>Knowledge</b></p> <ol style="list-style-type: none"> <li>1. <b>Possess</b> the theoretical background of the development of the main and most common diseases in humans.</li> <li>2. <b>List</b> the various diseases associated with specific systems and organs in humans.</li> <li>3. <b>Recall</b> the symptoms of basic diseases in humans.</li> <li>4. <b>Describe</b> the characteristics of the main diseases.</li> <li>5. <b>Know</b> the laboratory approaches that set the diagnosis and the main drugs used to treat diseases.</li> </ol> <p><b>Skills</b></p> <ol style="list-style-type: none"> <li>6. <b>Link</b> information and descriptions related to diseases, with corresponding data and information related to other courses attended (e.g. Pharmacology).</li> </ol> <p><b>Competences</b></p> <ol style="list-style-type: none"> <li>7. <b>Propose</b> preventive measures to avoid risk factors for the development of pathological conditions.</li> <li>8. <b>Suggest</b> ways and measures for issues related to the treatment of human diseases.</li> </ol>				
<b>Prerequisites</b>	-	<b>Required:</b>	-		
<b>Course Content</b>	<ul style="list-style-type: none"> <li>• Infectious Diseases: Influenza, Mumps, Red, Mumps, Transplant Disease, Rheumatic Fever, Staphylococcal Infections, Meningitis, Pertusis, Diphtheria, Tetanus, Tuberculosis, Infectious Mononucleosis, Herpes Zoster.</li> <li>• Respiratory diseases: Bronchitis, Bronchial asthma, Pleuritis, Atelectasis, Chronic Obstructive Pulmonary Disease, Pulmonary embolism, Lung carcinoma.</li> <li>• Digestive system diseases: stomach and duodenal ulcer, gastro-oesophageal reflux, Irritable Bowel Syndrome, Celiac disease, Crohn's Disease, Ulcerative Colitis, Jaundice, Cholelithiasis, Liver Cirrhosis, Pancreatitis, Stomach Cancer, Large Intestine Cancer.</li> <li>• Kidney Diseases: Acute renal failure, Chronic renal failure, Pyelonephritis, Nephropathy by analgesics.</li> </ul>				

	<ul style="list-style-type: none"> <li>• Endocrine Gland Diseases: Hyperthyroidism, Hypothyroidism, Thyroid Cancer, Diabetes Mellitus, Osteoporosis, Obesity, Polycystic Ovary Syndrome (PCOS), Infertility.</li> <li>• Rheumatic diseases: Rheumatoid arthritis, Gout, Osteoarthritis, Ankylosing spondyloarthritis, Lupus erythematosus.</li> <li>• Heart and vascular diseases: Heart Failure, Arrhythmias, Angina, Congenital Heart Diseases, Coronary Artery Disease, Pericarditis, Arterial Hypertension.</li> <li>• Blood diseases: Iron deficiency anemia, Megaloblastic anemia, Aplastic anemia, Acute leukemia, Chronic leukemias.</li> <li>• Sexually Transmitted Diseases: Hepatitis, HIV / AIDS, HPV / Warts, Chlamydia.</li> </ul>
<p><b>Teaching Methodology</b></p>	<p>The course content will be taught through: Power Point presentations, guided discussions with the active participation of students, individual and team work by students and the use of a variety of audiovisual media and other teaching tools as required for the delivery of each module.</p>
<p><b>Bibliography</b></p>	<p><b>Greek Bibliography</b></p> <ul style="list-style-type: none"> <li>• Σφυράκης, Π., Κόκκινος, Α., Κυτσόνη, Μ. Χ. et al. (2015). <i>Ασκήσεις Σημειολογίας και Διαφορικής Διαγνωστικής στην Παθολογία</i>. Kallipros Open Academic Editions. <a href="http://hdl.handle.net/11419/6115">http://hdl.handle.net/11419/6115</a></li> <li>• Χαράτση – Γιωτάκη, Ε. (2014) <i>Σύγχρονη εσωτερική παθολογία</i>, Ελένη Χαράτση – Γιωτάκη, ISBN:978-960-93-5096-9.</li> <li>• Χανιώτης Φ. (2008 -2002), <i>Νοσολογία-Παθολογία</i>, Τόμοι Α,Β,Γ,Δ , εκδ. Λίτσας, Αθήνα, ISBN: 960-372-057-7, ISBN: 960-372-058-5, ISBN: 960-372-059-3, ISBN: 960-372-060-7</li> <li>• Χαροκόπος, Ν. (2005) <i>Στοιχεία νοσολογίας</i>, Φιλομάθεια, ISBN: 960-87710-5-6</li> <li>• Συλλογικό έργο (2017), <i>Θέματα εσωτερικής παθολογίας: Τιμητικός τόμος καθηγητή Πάνου Μεταξά</i>, University Studio Press, ISBN 978-960-12-2323-0.</li> </ul> <p><b>English Bibliography</b></p> <ul style="list-style-type: none"> <li>• Forester, K. N., and Vultagione, J. M. (2012). <i>Pathology: New Research</i>. New York : Nova Science Publishers, Inc. ISBN: 9781621006985. <b>EBSCOHost</b>.</li> <li>• Coleman, W. B., Tsongalis, G. J. (2018). <i>Molecular Pathology : The Molecular Basis of Human Disease</i>. 2<sup>nd</sup> Edition. London, United Kingdom : Academic Press. ISBN: 9780128027615. <b>EBSCOHost</b>.</li> <li>• Gaw, Allan (2013), <i>Clinical biochemistry: an illustrated color</i>, 5th edition, Churchill Livingstone, ISBN: 978-0702051791</li> <li>• Green, David (2011) <i>Psychic self defense: the health and safety of spirituality</i>, Dodo Publishing, ISBN: 978-1471632198.</li> </ul>
<p><b>Assessment</b></p>	<ul style="list-style-type: none"> <li>• Attendance and participation: 10%</li> <li>• Assignments / Essays: 20%</li> <li>• Midterm Written Examination: 20%</li> <li>• Final Written Examination: 50%</li> </ul> <p><i>Written examination has two parts that are examined as part of one exam paper. The first part includes closed-ended questions, such as multiple choice questions, true or false, matching exercises, complete the gaps exercises, etc. The first part is usually worth 40% - 50% of the total marks of the exam paper. The second part includes open-ended questions that are meant to assess the students' abilities to analyse, reflect, explain, recall etc. The second part is usually worth 50% - 60%. The total marks of the exam paper are 100.</i></p>
<p><b>Language</b></p>	<p>Greek or English</p>