

SCHOOL OF HEALTH SCIENCES			
SCHOOL	SCHOOL OF HEALTH SCIENCES		
DEPARTMENT	NURSING DEPARTMENT		
EDUCATION LEVEL	UNDERGRADUATE – (bachelor’s degree)		
LESSON CODE	0805.6.008.0	SEMESTER	6 <sup>th</sup>
LESSON TITLE	Clinical Placement - Community Nursing II		
SELF-ENDED TEACHING ACTIVITIES	TEACHING HOURS/WEEK	CREDITS	
Theory			
Tutoring	2	3	
Practical Workshop			
Clinical Placement			
Total	2		
Total	ELECTIVE COMPULSORY		
PREREQUISITE COURSES	NO		
LANGUAGE (S) OF INSTRUCTION/ EXAMINATION	GREEK		
THE COURSE IS OFFERED TO ERASMUS STUDENTS	NO		
ELECTRONIC COURSE PAGE	<a href="https://eclass.hmu.gr/courses/YN101/">https://eclass.hmu.gr/courses/YN101/</a>		
Learning Outcomes			
<p>The purpose of the course is to understand the basic principles of electronic archiving and information management using Relational Database Management Systems. Students acquire a very good knowledge of the structure and organization and classification of information systems, and become familiar with medical information management issues such as organization, categorization, coding, storage, recall, search by criteria, identification, classification, etc.</p> <p>Students acquire the ability not only to successfully manage relational database systems, but also to organize and develop simple applications, useful for tomorrow's health professional, such as Electronic Medical Record models, etc.</p> <p>Upon successful completion of the course, the student will be able to:</p> <ul style="list-style-type: none"> <li>• Understand the basic principles of information and organization management using Relational Database Management Systems.</li> <li>• Create and implement a Relational Database System (organize, sort, categorize, coding, store and searching, etc).</li> <li>• Understand the usefulness of Relational Database Systems in the organization and modeling of medical information and to develop similar applications, useful to tomorrow's health professional.</li> </ul>			

General Skills	
Decision making, Autonomous work, Teamwork. Searching, analyzing, and organizing data and information, using modern technology. Adapting to new environment, generating new research ideas, exercising criticism and self-criticism, promoting free, creative, and inductive thinking.	
Course Content	
1 <sup>st</sup> Week	Introduction to Database theory. How to organize information, basic concepts.
2 <sup>nd</sup> Week	Tables, records and fields. Data structures. Problems in data management. The need for a different data organization
3 <sup>rd</sup> Week	Data normalization and fundamentals. Examples and application exercises. Entity-Relation models
4 <sup>th</sup> Week	Using LIBRE BASE / BASE. Create a base. Access structures and tools. Create a table in design view. Field types. Characteristics of fields. Field input mask. Exercises
5 <sup>th</sup> Week	Field validation rules. Rules, use of wildcards. Data entry and control. File management. Data filters. Filters based on selection, filters out of selection. Exercises.
6 <sup>th</sup> Week	Filters based on form. Save filters as queries. Search and find data. Classification of data. Multiple filters, combination of criteria. Exercises.
7 <sup>th</sup> Week	Primary key. Table relationships and joins. The one-to-one relationship. The one-to-many relationship. Use and way of implementing table relationships. Data integrity. Associations Entity Model Basics. Exercises
8 <sup>th</sup> Week	Import, view delete data in related tables. Use filters on related tables. EVALUATION EXERCISE
9 <sup>th</sup> Week	Queries. Use multiple criteria. Search view data using queries. Exercises
10 <sup>th</sup> Week	Using queries on related tables. Extracting information from a database. Forms. Form creation. Input form, search form, data display form. Exercises
11 <sup>th</sup> Week	Reporting. Design and implementation of an integrated application (Electronic Health Record) with related tables, queries, forms, and reports. Exercises
12 <sup>th</sup> Week	Design and implementation of an integrated application (Electronic Health Record). Data entry and manipulation. Combined criteria and techniques. Exercises
13 <sup>th</sup> Week	FINAL EXAM
TEACHING and LEARNING METHODS – EVALUATION	
<b>PROVIDING COURSE METHODS</b>	<ul style="list-style-type: none"> <li>• Lecturer presentation using Power Point</li> <li>• Demonstration of examples, solving exercises</li> <li>• Exercises for practice – work in the lab.</li> <li>• Search and watch tutorials through search engines</li> <li>• Group exercises and discussion on the proposed solutions</li> </ul>
<b>USE OF INFORMATION AND COMMUNICATION TECHNOLOGY</b>	<ul style="list-style-type: none"> <li>• Use of the e-class electronic platform to store presentations in digital format for easy access by the students.</li> <li>• Video clips created by the Lecturer in eclass (you tube).</li> <li>• Use of the computer Lab (hardware and software)</li> <li>• Use of Libre Base software</li> </ul>
<b>TEACHING ORGANIZATION</b>	Material organization in sections, use of slides, commenting, discussion of concerns.

<b>STUDENT EVALUATION</b>	Intermediate assessment. Homework. Final evaluation
<b>RECOMMENDED BIBLIOGRAPHY</b>	
<ul style="list-style-type: none"><li>● Lecturer's workshop notes available in e-class.</li><li>● Libre Office base user manual.</li><li>● Teacher's solved exercises and application tutorials available in e-class.</li><li>● Windows 8 Office 2013, Mary Glava, DISIGMA Publications, 2014, ISBN: 878-960-9495-38-7.</li><li>● Learn Microsoft Office 2019 easily, Book Code in Evdoxos: 86194037, Xarchakos Konstantinos I., Karolidis Dimitrios A., Avakas Publications, ISBN: 978-960-6789-25-0</li></ul>	