



**Faculty of Nursing and Midwifery  
School of Nursing**

**NURSING COURSE SYLLABUS  
Course Name: Medical Information Systems  
Term and Dates: Summer 2021**

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Office Hours: By appointment**

## Medical Information Systems

### **Academic Calendar Entry**

This course introduces the information technology that medical sciences students need for searching in scientific databases and preparing assignments.

Pre-requisites: -

### **Course Format**

Course delivery will be online for the Summer 2021 Term.

### **Course Overview**

Development of Information Technology (IT) in the present era has led to the creation of new terms such as medical information systems. In this course, students will gain information about the information technology and acquire necessary research techniques in medical and nursing databases.

### **Course Content and Objectives**

1. Define nursing informatics and express the infrastructures and applications in the clinical, management, education and research domains.
2. Basic knowledge about working with a computer
4. The most important and practical points in working with Word and PowerPoint software
5. Introduction of internet explorers, search engines
6. Google apps, Boolean search, simple and advanced search in google
7. google translate, gmail
8. Searching in SID, google scholar, Sciencedirect, Wiley and Pubmed

### **Evaluation Criteria and Grading**

**\*\*Due Dates and Times are firm. Without prior approval of the instructor, assignments submitted beyond these dates/times will receive deductions of 10% per day.** I strongly advise students to work well ahead of deadlines. All assignments are submitted via email to [torkan@khuisf.ac.ir](mailto:torkan@khuisf.ac.ir).

Work	Grades
Active participation in class	20%
Hand in the weekly assignment	40%
Final practical assignment	20%
Final theory exam	20%
Total	100%

### EVALUATION CRITERIA FOR SEMINAR PARTICIPATION

- Demonstrates familiarity with appropriate range educational films and articles prior to class.
- Actively participate in searching on the web and databases and share the results.
- Actively participates in class discussion on a consistent basis.
- Contributes to the flow of ideas in class discussion.
- Demonstrates openness to various ideas and perspectives.
- Demonstrates respect for the contributions of others.
- Gives and receives feedback in such a manner as to further the development of ideas.

### Course Schedule

Date	Topic	Activities
Week 1- July 4, 2021	- Introduction of the course - Major Components of a Computer	-
Week 2- July 11, 2021	- Windows Setting - Microsoft Word-Microsoft PowerPoint	Producing content and education videos
Week 3- July 18, 2021	- Search engines, Internet Explorers - Chrome setting, Boolean Search - Screen shot (Print Screen)	Producing content and education videos
Week 4- July 25, 2021	- Simple and advanced search in Google - Google apps- Google scholar	Producing content and education videos
Week 5- August 2, 2021	- Screen shot (snipping tool) - Google apps- translate, map	Producing content and education videos
Week 6- August 9, 2021	- Library of Isfahan (Khorasgan) university - Introducing the databases - Google apps-google doc	Producing content and education videos
Week 7- August 16, 2021	- Sciencedirect - Google apps-gmail, google doc	Producing content and education videos
Week 8- August 23, 2021	- Library of Isfahan (Khorasgan) university - Introducing the databases - Sciencedirect	Producing content and education videos
Week 9- August 30, 2021	- Wiley - Pubmed	Producing content and education videos
Week 10- September 6, 2021	- Review of the course	Producing content and education videos

**Grade Reviews and Appeals**

A student who is dissatisfied with their assigned standing is encouraged to first discuss the matter informally with the instructor(s) of the course, when possible. Should the matter remain unresolved and the student believes that some or all of the material contributing to the assigned standing has been incorrectly evaluated, the student may apply for a Review of Assigned Standing.

**DISCLAIMER**

*Every attempt has been made to ensure the accuracy and timeliness of the material in this Seminar Syllabus. Nevertheless, some errors or omissions may have occurred. The Instructor reserves the right to make changes or additions to this document as necessary throughout the semester.*