

## **SYLLABUS**

**SUBJECT**     *Epidemiologic nursing*

**TEACHER**   **DOROTA GUTKOWSKA**

### **COURSE DESCRIPTION**

***Epidemiologic nursing for future nurses***

### **LEARNING OUTCOMES**

- 1. *Preparing students to interpret and understand the knowledge of:***
  - the role of epidemiologic nursing for a nurse at work;
  - ways of measuring health condition;
  - sources of information on public health;
  - epidemiology of infectious diseases;
  - epidemiology of selected noninfectious diseases.
  
- 2. *Preparing students for the skills to:***
  - preventing and fighting with infections and infectious diseases;
  - supervising hospital sanitation, disinfection and sterilization;
  - monitoring and registering hospital infections within the responsibilities and purview of a nurse;
  - applying sanitary and hygienic principles in a nurses' work.
  
- 3. *Shaping the attitudes of students to:***
  - assurance of the knowledge in the field of epidemiology in the practice of a nurse;
  - active broadening of knowledge in the field of epidemiologic nursing;
  - cooperating with an interdisciplinary panel.

### **GRADING POLICY**

***lectures, classes***

### **TIMETABLE**

<b>No</b>	<b>Substantive contents</b>	<b>No of hours</b>
1.	Epidemiology as a science. The role, demands and an epidemiologic nurse's competence.	1
2.	Basic epidemiologic notions. Characteristics of health determinants and those responsible for the appearance of diseases. Methods of measuring health.	1

3.	Sources of information about public health. Selected elements on medical demography. Morality rate. Prevalence rate in hospitals. Diseases subject to obligatory registration.	2
4.	The essentials of epidemiology of infectious diseases. Judgement of the status of epidemiology in Poland in the field of infectious diseases.	1
5.	Sanitary and hygienic supervision in Poland. Preventing and fighting with infectious diseases. Organization and the importance of prophylactic vaccination.	2
6.	Epidemiology of hospital infections. The procedure of fighting with hospital infections. Organization of epidemiologic supervision over hospital infections.	3
7.	Viral hepatitis A, B, C – epidemiology, principles of prophylaxis.	1
8.	Epidemiology of HIV and AIDS. Methods of prophylaxis, guidelines for hospital staff.	1
9.	Epidemiology of infectious diseases spreading through respiratory tracts.	1
10.	Epidemiology of diseases spreading through alimentary tracts.	1
11.	Epidemiology of tick-borne meningoencephalitis.	1
12.	Epidemiology of diseases spreading through skin.	1
13.	Epidemiology of zoonosis.	1
14.	Judgement of the status of epidemiology in Poland in the field of non-infectious diseases (of the circulatory system and neoplastic diseases).	2
15.	Summary. Credit.	1

### TEXTBOOK AND REQUIRED MATERIALS

1. Valanis B.: Epidemiology in nursing and health care. Mcgraw-hill/appleton & Lange, 1992.
2. Soule B.M., Preston G.A., Larson E.L.: Infection and nursing practice. C. V. Mosby, 1994.
3. Wenzel R.P. : Prevention and control of nosocomial infections. Lippincott Williams & Wilkins, 1997.

### PREREQUISITES:

The basics in the field of epidemiology, hygiene, microbiology and parasitology