

DEN3013 INFECTION CONTROL AND INTRODUCTION TO CLINIC

Course title	Code	Semester	Type of course	Course structure and volume (hours)			ECTS
				151 hours here			
INFECTION CONTROL AND INTRODUCTION TO CLINIC	DEN3013	V	Mandatory	LECTURE	15	150	5
				Seminar	15		
				Teaching in Stimulatory environment (TSE)	7		
				Teaching in clinical environment (TCE)	35		
				Midterm EX.	1		
				FINAL EX.	2		
				INDEP. WORK	75		
Faculty, the educational program and level of education	School of Dental Medicine One cycle (5-year duration) Higher Educational Program "Dentistry"						
Staff	Hatice Palta, invited teacher, DDM e-mail: Hatice.palta@bauinternational.edu.ge Personal one-to-one consultation can be arranged at an agreed upon date and time.						
Duration	17 week						
Prerequisite	DEN2004						
Aim	The aim of this course is to emphasize the importance of infection control in dentistry. This course also teaches the essentials and techniques of sterilization and disinfection and ways of protection from communicable diseases						
Methods of Teaching/Learning	Lectures; Seminars; CBL,TCE						
Assessment System and Criteria	Attendance - student is obliged to attend 70% of the total number of the learning course The knowledge of the student is evaluated by 100 score-based evaluation system out of which 40 scores considered for the current assessment, 20 for midterm exam and 40 scores for the final exam. <ol style="list-style-type: none"> Current Assessment (activity) - 40 points, including the following: <ul style="list-style-type: none"> •CBL *3sessions 5 point each-15 points • Verbal presentation/discussion- 10 sessions 2 point each-20 points 						

Presentation - 5 points

Clinical Case assessment (CBL) criteria:

1. Ability of case interpretation - 1 point;
2. Ability of using additional sources - 1 point;
3. Ability of applying theoretical knowledge - 1 point;
4. Ability of correlating normal and pathological conditions - 1 point;
5. Ability of drawing conclusions - 1 points

Verbal presentation/Discussion assessment criteria:

1. Argumentativeness of represented factual material -0.4points
2. Complexity of represented factual material -0.4points
3. Discussion activity - 0.4points
4. Debating and listening culture-0.4points
5. Keeping within the time-limit - 0.4points

Presentation assessment criteria :

presentation in groups of 2-3

1. Demonstrations of theoretical knowledge - 3 points:
 - knowledge of the disease - 1 point
 - Differential diagnosis - 1 point
 - Care plan - 1 point
2. Academic level and design - 1 point;
 - Visual and technical quality of the material - 0,5 point;
 - Review of the available modern material related to the topic - 0,5 point;
3. Presentation and communication skills - 1 point;
 - group working and listening culture - 0,5 point;
 - Correct language and style - 0,5 point;

2. Midterm Exam - 20 points

Midterm Exam is conducted in the middle of the learning course.

The exam is conducted in the test-based form (Multiple Choice Questions - MCQs). The test includes 50 questions each of 0,4 scores. The highest score equals to 20 points

Prerequisite for Final Exam are:

- Prerequisite for Final Exam is the situation when at least 30 % of the current assessment level is achieved.
- 70% of the course hours should be attended.

3. Final Exam - 40 points;

The exam is conducted in the test-based form (Multiple Choice Questions - MCQs and OpenAnswer Questions - OAQs). The test includes 50 MCQ questions each of 0,4 scores and 5AQ questions each of 1 points
The highest score equals to 40 points

MCQ- Each MCQ question is assessed by 0.4 point(20 points) OAQ-each OAQ is assessed by 5 points (20 points)

Assessment criteria

5-answers all the basic questions given in a open question

4-answers partially the basic questions given in a open question

3- answers partially with some errors the basic questions given in a open

question 2- answers partially with errors the basic questions given in a open question

1- doesn't answers to the basic questions given in a open question

The exam is considered being passed by the student if he /she receives 50% or more out of the highest evaluation for the exam (40x50/100=20 points). When the total evaluation of the student (current evaluation + midterm exam evaluation + final exam evaluation) is more that 40 but less than 51 points, even though the exam grade threshold is passed, the learning course is considered not being covered and the student is given the right to exam retake during the additional examination period, one week after final exam.

If the final evaluation for the Learning Course, after taking the additional exam, (current evaluation + midterm exam evaluation + final exam evaluation) is less than 51%, the learning course is not considered covered and it must be taken again.

In summary, the student is awarded the credit in case he/she accumulates minimum 51% out of 100%.

Positive scores:

- (A) Excellent- 91 or more points;
- (B) Very Good- 81-90 points;
- (C) Good- 71-80 points;
- (D) Satisfactory- 61-70 points;
- (E) Enough- 51-60 points;

Negative scores:

- (FX) Failure - 41-50 points: the student needs more independent work and is granted a single attempt of exam retake;
- (F) Fail - 40 points or less: the student's conducted work is not sufficient and needs to take the course again.

After the results of final exams are available, students with FX assessment have a right to retake an exam during an additional exam week in the same semester.

	An interval between a final and a corresponding additional exam must be at least 5 days after the results of a final exam become available
The core literature	Basic Guide to Infection Prevention and Control in Dentistry (Caroline L. Pankhurst, Wilson A. Coulter) (z-lib.org)
The auxiliary literature	

Learning Outcomes

NQF*	COURSE LEARNING OUTCOMES	PROG. LO	Lecture	Seminar	Teaching in simulation environment	Teaching in clinical environment	Midterm ex.	Final exam	ASSES. METH.
KNOWLEDGE AND AWARENESS	The students who have succeeded in this course; 1. Learn the basis of infection control 2. Learn how to protect yourself from communicable diseases 3. Sterilization and disinfection of dental instruments 4. Be able to manage healthcare waste and transport of dental specimens 5. Be able to manage aerosol and dental unit waterlines	6,1 6,4 8,1 8,2	X	X		X	X	X	MCQ OAQ Discussion PPT CBL
SKILL	<ul style="list-style-type: none"> Follows national and international developments in clinical practice and behaves scientifically. Adopts professionalism and ethics in professional practices. Communicates effectively with colleagues, patients, patients' relatives, and in interdisciplinary settings Prioritizes health in individual and community-based dental practices <p>Applies institutional leadership and management principles in professional practices.</p> <ul style="list-style-type: none"> Supports entrepreneurship for the advancement of the profession 	6,3 9,2 9,4 9,5 4,1		X			X	X	CBL
RESPONSIBILITY AND AUTONOMY	<ul style="list-style-type: none"> has ability to manage information, solve the problem and make a decision has ability renew knowledge permanently 	11.1 11.2 11.3 11.5		X					CBL

Learning Course Content

weeks No	Topics	Lecture (hrs)	Seminar (hrs)	TSE (hrs)	TCE (hrs)
I	Communicable Diseases in Dentistry Dental Surgery Design	2		1	3
II	Essentials of Infection Control Hand Hygiene Healthcare Waste Management	2	2	1	3
III	Management of Dental Unit Waterlines Occupational Health and Immunization Precautions against infection in preclinical courses	2	2		3
IV	Personal Protection for Prevention and Cross-Infection	1	1		3
V	Sharp Safe Working in the Dental Surgery	2	2	1	3

VI	Sterilization and Disinfection of Dental Instruments	1	2	1	3
VII	The importance of sterilization in Prosthodontics The importance of sterilization in Radiology The importance of sterilization in Restorative	1	2		3
	Midterm exam	1			
VIII	The importance of sterilization in Endodontics The importance of sterilization in Orthodontics	1	1	2	2
IX	The importance of sterilization in Pedodontics The importance of sterilization in Periodontology	2	1		3

X	Transport and Postage of Diagnostic Specimens and Impressions	1	1		3
XI	Presentation/ppt		1		3
XII	Clinical visit				3
XVII-XX II WEEK	Final Exam	2			