****

### თბილისის ჰუმანიტარული სასწავლო უნივერსიტეტი

**TBILISI HUMANITARIAN TEACHING UNIVERSITY**

**Syllabus**

|  |  |
| --- | --- |
| **Name of the course/module** | **The first Aid** |
| **Code of the course** | **GCM0419DM** |
| **Status of the course**  **(elective/compulsory)** | **C**ompulsory course  for the one-cycle higher educational Programme-Dentistry |
| **ECTS** | **3 credits. Total: 75 hours**  Contact Hours–34 hours (Class Meeting Time Period: 15L/15 Pr) + 4 hours (Midterm:2h and Final Examinations 2h):  Individual Work-41 hours |
| **Authors (lecturer)** | Nino Therkezishvili - Ph.D, THTUinvited lecturer  Tel. 599976627  Consultation days: according to consultation schedule |
| **Aim of the course** | The course objectives are to develop student’s knowledge and skills about issues of First aid, conducting first aid to a casualty with different injuries, recognise the presence of major illness and provide appropriate first aid, including heart attack, stroke, epilepsy. |
| **Program prerequisits** |  |
| **Assessment system and criteria** | Assessment system of the Tbilisi Humanitarian Teaching University's is divided into the following components:  The total marks of the mid term Out of the overall assessment (100 points ) is 60 points, which includes three kinds of grades:  **Student’s activity during a semester**  **One-midterm exam**  **Final exam**-**40 points.**  Theminimum competence requirement for midterm evaluation components is at least 21 points in total.  **The minimum competence requirement of the final evaluation is 50% of the total mark from final evaluation that means 20 points out of 40.**  Evaluation System includes:  I. Five Forms of Positive Assessment:  (A) Excellent – 91% and more from maximum evaluation  (B) Very good – 81-90% from maximum evaluation  (C) Good – 71-80% from maximum evaluation  (D) Satisfactory – 61-70% from maximum evaluation  (E) Sufficient – 51-60% from maximum evaluation  II. Two Forms of Negative Assessment:  (A)(FX) Fail (Not passed ) - 41-50 from maximum evaluation score, which means that the student will need to work more and to retake the test after additional independent work;  (B) (F) Fail – A student gets 40 points, or less from maximum evaluation, which means that the work done by him/her is not sufficient and s/he has to retake the course from the beginning.  1. One of the negative assessment: In case of not passing, the University fixes additional exam at least in 5 days, after the announcement of final examination results, which must be published in the examination table.  2. The grades, which student gets after additional test is a student's final grades, in which is not considered the negative points of the major examination.  If a student receives from 0 to 50 points after additional test, in the final exam sheet is formed (F) -0 for the student. |
| **Course description** | appendix 1 |
| **Assessment system/activities, methods**  **and criteria** | **Activities** -maximal **40 points** (daily activities 15 points, practical clinical skills 15 points, presentation 5 points, Duty 5 points)  Daily activities is calculated in accordance with the level of being active during each practices (15 meeting) – each is equal **1 points**.  During the semester maximum points- **15**  1,0 points - s/she is active during classes, obtains perfect knowledge of the ongoing topic, answers all questions completely, knows medical terms.  0,5 points - s/he is less active during classes, does not present perfect knowledge of the ongoing topic, answers questions partly. knows medical terms not well.  0 -s/he is not active during classes/group works, does not present knowledge of the ongoing topic, do not answers questions briefly.  **Practical Clinical Skills -** 15 points-evaluated with 1 point each meeting. If a student has not demonstrated the practical skills -0 points.   * **Presentation** - **5 points**   5 points- Presentation is done in Power Point, s/he obtains perfect knowledge of the presented topic, has full awareness of problem issues, freely attracts attention of the audience, answers all questions completely. S/he has used different sources to cover material.  4 points - Presentation is done in Power Point, s/he obtains good knowledge of the presented topic, has good understanding of problem issues, freely attracts attention of the audience, answers all questions well. S/he has used several sourses.  3 points - Presentation is done without IT technologies, s/he obtains fair knowledge of the presented topic, partly understands the problem issues, answers all questions briefly. S/he has used a few sourses.  2 points - Presentation is done without IT technologies, s/he has fair knowledge of the presented topic, does not understand the problem issues, has difficulties in communication with the audience, answers some questions briefly. S/he has used a few sourses.  1 point - Presentation is done without IT technologies, s/he is not ready to communicate with the audience, has fair knowledge of the presented topic, cannot answer all questions.   * **Duty - maximal 5points**   5 points- student attends duty practice in the clinic, looks through the patient’s history, collects anamnesis, actively participates in planning and management of clinical-laboratory observations, independently analyzes the results obtained, gets aware the scheme of treatment, assists the medical personnel, observes on-going operations, medical manipulations, and other procedures proceeding in surgery.  4 points - student attends duty practice in the clinic, looks through the patient’s history, collects anamnesis, observes planning and management of clinical-laboratory work, together with the lecturer analyzes the results obtained, gets aware the scheme of treatment. observes on-going operations, medical manipulations and other procedures proceeding in surgery.  3 points - student attends duty practice in the clinic, looks through the patient’s history, has difficulties in collecting anamnesis, observes planning and management of clinical-laboratory work, together with the lecturer analyzes the results obtained, gets aware the scheme of treatment, sometimes observes on-going operations, medical manipulations and other procedures proceeding in surgery.  2 points - student attends duty practice in the clinic, looks through the patient’s history, has difficulties in collecting anamnesis, shows no interest in observing on-going operations, medical manipulations and other procedures proceeding in surgery.  1point - student attends duty practice in the clinic only, does not look through the patient’s history, has no communication with patients, shows no interest in observing on-going operations.  **Midterm exam - 20 points**, conducted in oral form at the 11th day of curation, include 4 theoretical issues ,each of it evaluated 5 points.  Criteria of assessment of verbal topics are :  5 points –The answer is complete; Terminology is configured; student obtains perfect knowledge of the topic, s/he coveres of the material fluently, summarises core and additional literature, reveales critical thinking and logical analysis.  4 points -The answer is not absolutely complete; student obtains knowledge of the topic, without important mistakes, s/he coveres of the material fluently, summarises core literature, reveales critical thinking and logical analysis.  3 points - The answer is not complete; student obtains satisfactory knowledge of the topic, s/he coveres of the material by mistakes, summarises core literature, reveales less of critical thinking and logical analysis.  2 points - The answer is weak; student obtains satisfactory knowledge of the topic, makes mistakes, doenotsummarises core literature, cant make critical thinking and logical analysis.  1 points - The answer is substantially incorrect. Set out in the relevant material  •**The final exam** (**40 points)** Tested in written form (max 30 points) and form of miniclinic exam. (max 10 points). The test consists of 30 closed questions. Each question has four answers, only one of them is correct.  • Each test is marked with a score of 1 points,  • Each incorrectly marked / untested test - 0 scores.  In the course of the miniclinic examination, each correctly performed manipulation is measured by 1 point, with wrong scores 0 points.  **Final Exam - 40** points administered in written form ( test), each correct answer is evaluated with 1 point, wrong answer -0 points. |
| **Core literature:** | 1. Shvartz, Shires, Spencer - PRINCIPLES OF SURGERY ninth edition .  2. L.J.Skandalakis,J.E.Skandakis,P.N.Skandalakis-Surgical Anatomy and Technique. |
| **Additional literature** | 1. Bailey and Love’s – Short practice of Surgery - 2004 |
| **Learning outcomes, competences**  **(general and field specific)** | **Knowledge**   1. Student explains the importance of the issues related to First Aid 2. Student explains how to the presence of major illness and provide appropriate first aid including heart attack, stroke, epilepsy, asthma, diabetes)   **Skills**   1. Student can analyze the situations associated with various ethical and medical/care issues 2. Student administers first aid to a casualty who is unconscious 3. Student administers first aid to a casualty who is choking 4. Student provides appropriate first aid for minor injuries (including small cuts, grazes and bruises, minor burns and scalds, small splinters) |
| **Learning/Teaching methods**  **and forms** | Lecture course (modified interactive lectures)  problem-oriented teaching(group discussion), presentation. |

**Appendix 1**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Type of**  **the class** | **Topics** | **Contact hours** | **literature** |
| I | Lect./  Pract. | Course introduction. Background information about First Aid, First Aid and low  Presentation, case study, situation analysis and conclusion | **1/1** |  |
| II | Lect./  Pract. | Victim Assessment: primary and secondary check, SAMPLE history  Presentation, case study, situation analysis and conclusion | **1/1** |  |
| III | Lect./  Pract. | CPR; Automated External Defibrillation  Presentation, case study, situation analysis and conclusion | **1/1** |  |
| IV | Lect./  Pract. | Shock, causes of shock. The progression of Shock  Presentation, case study, situation analysis and conclusion | **1/1** |  |
| V | Lect./  Pract. | Bleeding: external, internal. Wounds  Presentation, case study, situation analysis and conclusion | **1/1** |  |
| VI | Lect./  Pract. | Burns.  Presentation, case study, situation analysis and conclusion | **1/1** |  |
| VII | Lect./  Pract. | Head and Spinal Injuries Reading  Presentation, case study, situation analysis and conclusion | **1/1** |  |
| VIII |  | **Midterm** |  |  |
| IX | Lect./  Pract. | Chest, Abdominal and pelvic Injuries. Bone, Joint and Muscle Injuries  Presentation, case study, situation analysis and conclusion | **1/1** |  |
| X | Lect./  Pract. | Sudden Illnesses: Unexplained change in responsiveness, heart attack, angina, stroke  Presentation, case study, situation analysis and conclusion | **1/1** |  |
| XI | Lect./  Pract. | Asthma, COPD, fainting, seizure, diabetic emergencies, emergencies during pregnancy.  Presentation, case study, situation analysis and conclusion | **1/1** |  |
| XII | Lect./  Pract. | Poisoning: Ingested poisons, Alcohol, drug emergencies, carbon monoxide poisoning.  Presentation, case study, situation analysis and conclusion | **1/1** |  |
| XIII | Lect./  Pract. | Bites and Stings – Animal, snake bites, insect stings.  Presentation, case study, situation analysis and conclusion | **1/1** |  |
| XIV | Lect./  Pract. | Spader and insect bites, Marine animal injuries  Presentation, case study, situation analysis and conclusion | **1/1** |  |
| XV | Lect./  Pract. | Cold-related and Heat-related emergencies  Presentation, case study, situation analysis and conclusion | **1/1** |  |
| XVI | Lect.  Pract. | Rescuing and moving victims Reading  Presentation, case study, situation analysis and conclusion | **1/1** |  |
| XVII-XVIII |  | **Final Exam** |  |  |
| XIX-XX |  | **Additional exam** |  |  |