Course Syllabus

Epidemiology

CHS 334

|  |  |
| --- | --- |
| Course title and code: | Epidemiology (CHS 334) |
| Program in which the course is offered: | Health Education program/ Clinical Nutrition Program/clinical laboratory program |
| Credit hours | 3hours (2 theoretical+1 practical) |
| total contact hours per semester | 45 hours |
| Level at which this course is offered: | 7th level |
| Course prerequisites: | None |
| Time: | * Sunday /Monday |
|  | lecture: 8:00 am -11:00am |
| Location: | Class room |
| College member responsible for the course | Lecturer: Eman abu alfawaris  Lecturer:Tahani Bin Aoun  L.Tahani Bin Aoun |
| Contact information: |  |
|  |  |
| Email: | tbinaoun@ksu.edu.sa.  ealfawaris@KSU.EDU.Sa |
| Course Description |  |
| The purpose of this course is to study the basics of epidemiology that help students in applying these basics in research conduction. Moreover, the course identifies the role of epidemiology in measuring the occurrence of health related states among population and in evaluating the effectiveness of preventive programs and health care services.The course also helps in studying distribution and determinant risk factors of health problems. | |
| Teaching strategies |  |
| The course will be conducted in a form of lectures, case studies and discussions, and problem solving. | |
| Learning Resources |  |
| Required Text (s) | |
| Essential References  - Park K. Park’s textbook of preventive and social medicine. 21st ed, 2011; M/s Banarsidas Bhanot Publishers, India.  - Beaglehole R, Bonita R, Kiellstrom T. Basic epidemiology.World Health Organization (WHO): Geneva. 1993.  - Kenneth J. Rothman & Sander Greenland (1998): Modern Epidemiology. 2nd edition. Lippincott Williams & Wilkins, USA. | |
| Essential References | |
| - Park K. Park’s textbook of preventive and social medicine. 21st ed, 2011; M/s Banarsidas Bhanot Publishers, India.   * Michels KB(2002) ., Nutritional epidemiology –past ,present and future | |
| Recommended Journals | |
| - American journal of Epidemiology.  - Annals of Epidemiology.  - Epidemiologic Review  -Journal of Epidemiology and Community Health | |
| Electronic Materials and Web Sites | |
| * [www.who.int](http://www.who.int) | |
| Epidemiology  CHS 334  Topics to be covered | |

|  |  |  |
| --- | --- | --- |
| **Lecture\Exam** | **Date** | **Week** |
| Introduction to the course | 8/9-11-1436 | 1 |
| Definition of terms | 15/16-11-1436 | 2 |
| Concept of Epidemiology | 22/23-11-1436 | 3 |
| Measuring Morbidity rate | 29-11-1436  1-12-1436 | 4 |
| **Eid Holiday** | **7/8-12-143**6 | **5** |
| **Eid Holiday** | **14/15-12-143**6 | **6** |
| Measuring Mortality rate | 21/22-12-1436 | 7 |
| Epidemiological study  ( Descriptive epidemiology) | 28/29-12-1436 | **8** |
| Descriptive study | 5/6 -1-1437 | 9 |
| **1st Midterm Exam** | **12/13-1-1437** | **10** |
| Case Control Study | 19/20-1-1437 | 11 |
| Cohort Study | 26/27-1-1437 | 12 |
| **2nd Midterm Exam** | **3/4-2-1437** | **13** |
| Experimental Study | 10/11-2-1437 | 14 |
| Causation Nursing | 17/18-2-1437 | 15 |
| Screening Nursing | 24/25-2-1437 | 16 |
| Revision | 2/3-3-1437 | 17 |

**Course Evaluation**:

|  |  |
| --- | --- |
| **Points** | **Assessment** |
| 20 | 1st Midterm |
| 20 | 2nd Midterm |
| 10 | Activities |
| 10 | Open book exam |
| 40 | Final Exam |

**Best Regard:**

* **L: Eman Abu Alfawaries**
* **Tahani Bin Aoun**