DATE OF LAST REVIEW: 02/11/2013
CIP CODE: 24.0101
SEMESTER: DEPARTMENTAL SYLLABUS
COURSE TITLE: Summer Undergraduate Residency in Public Health (SURPH)
COURSE NUMBER: BIOL-0107
CREDIT HOURS: 2
INSTRUCTOR: DEPARTMENTAL SYLLABUS
OFFICE LOCATION: DEPARTMENTAL SYLLABUS
OFFICE HOURS: DEPARTMENTAL SYLLABUS
TELEPHONE: DEPARTMENTAL SYLLABUS
EMAIL: KCKCC issued email accounts are the official means for electronically communicating with our students.

PREREQUISITE(S): Successful completion of BIOL 0104-Introduction to Public Health (or equivalent course at JCCC or KSU or DCCC).

REQUIRED TEXT AND MATERIALS: Please check with the KCKCC bookstore, http://www.kckccbookstore.com/, for the required texts for your particular class.

COURSE DESCRIPTION: The “Summer Undergraduate Residency in Public Health” (SURPH) is a short term course which provides experiential activities which compliment BIOL 104 Pathways to Public Health and will provide supplemental activities that relate to public health policy and practice. SURPH will be offered in the KC-Metro area to provide a parallel course like the course offered on the Kansas State University campus in order to give the place-bound student exposure to and the problem solving experiences in the context of real-world situations related to the four MPH emphasis areas: food safety, infectious disease/zoonoses, human nutrition and physical activity. For each area, students will be introduced to the discipline and have a variety of experiences that will include shadowing public health professionals or faculty members who do field-based public health research; working on group projects, and guest lectures from professionals in the health care field in the classroom as well as in the field.
METHOD OF INSTRUCTION: A variety of instructional methods may be used depending on content area. These include but are not limited to: lecture, multimedia, cooperative/collaborative learning, labs and demonstrations, projects and presentations, speeches, debates, panels, conferencing, performances, and learning experiences outside the classroom. Methodology will be selected to best meet student needs.

COURSE OUTLINE:

I. Public Health and Food safety
II. Infectious Disease/Zoonoses
III. Public Health and Human Nutrition
IV. Public Health and Physical Activity

EXPECTED LEARNER OUTCOMES:

A. The learner will be able to demonstrate a broad knowledge of food safety.
B. The learner will be able to demonstrate a broad knowledge of infectious disease and zoonoses.
C. The learner will be able to demonstrate a broad knowledge of nutrition as it relates to public health.
D. The learner will be able to demonstrate a broad knowledge of physical activity as it relates to public health.

COURSE COMPETENCIES:
Upon successful completion of this course:

The learner will be able to demonstrate a broad knowledge of food safety.

1. The learner will be able to describe the impact of food and drug safety on public health.
2. The learner will be able to identify the essential roles of public health in preparedness for and response to natural or terrorism-related disasters.
3. The learner will be able to explain the bioterrorism threats to the nation’s food supply.

The learner will be able to demonstrate a broad knowledge of infectious disease and zoonoses.

4. The learner will be able to identify disease determinants and causation.
5. The learner will be able to recognize the effects of infectious and chronic diseases on longevity and quality of life.
6. The learner will be able to explain the demographic distribution of, epidemiology of, and disparities among population groups concerning infectious and chronic disease.
7. The learner will be able to identify methods to prevent, detect, treat, and minimize the impact of infectious and chronic diseases.
8. The learner will be able to explain the bioterrorism threats to public health, including infectious diseases.
9. The learner will be able to describe the burden and distribution of disease on an international level.
10. The learner will be able to identify public health safety awareness measures in various settings in the community.

   The learner will be able to demonstrate a broad knowledge of nutrition as it relates to public health.

11. The learner will be able to explain the impact of nutrition on health and illness.
12. The learner will be able to identify methods of altering behaviors at the individual and population levels.

   The learner will be able to demonstrate a broad knowledge of physical activity as it relates to public health.

13. The learner will be able to explain the impact of nutrition and physical activity on health and illness.
14. The learner will be able to identify positive behavior that promotes physical activity for lifetime health.

ASSESSMENT OF LEARNER OUTCOMES:
Student progress is evaluated by means that include, but are not limited to, exams, written assignments, and class participation.

SPECIAL NOTES:
This syllabus is subject to change at the discretion of the instructor. Material included is intended to provide an outline of the course and rules that the instructor will adhere to in evaluating the student’s progress. However, this syllabus is not intended to be a legal contract. Questions regarding the syllabus are welcome any time.

Kansas City Kansas Community College is committed to an appreciation of diversity with respect for the differences among the diverse groups comprising our students, faculty, and staff that is free of bigotry and discrimination. Kansas City Kansas Community College is committed to providing a multicultural education and environment that reflects and respects diversity and that seeks to increase understanding.

Kansas City Kansas Community College offers equal educational opportunity to all students as well as serving as an equal opportunity employer for all personnel. Various laws, including Title IX of the Educational Amendments of 1972, require the college’s policy on non-discrimination be administered without regard to race, color, age, sex, religion, national origin, physical handicap, or veteran status and that such policy be made known.

Kansas City Kansas Community College complies with the Americans with Disabilities Act. If you need accommodations due to a documented disability, please contact the Director of the Academic Resource Center at 913-288-7670.