### CIEE Gaborone, Botswana

**Course name:** Community Health Practicum  
**Course number:** PUBH 3002 GCPH  
**Programs offering course:** Community Public Health  
**Language of instruction:** English  
**U.S. Semester Credits:** 03  
**Contact Hours:** 45  
**Term:** Spring 2020

**Course Description**

The course takes a multi-disciplinary approach to examining theory and conceptual frameworks in public health, epidemiology, and health care administration. Students gain an understanding of major social, behavioral, cultural, environmental, ethical and regulatory factors that affect the health of local and global populations.

**TOTAL IN CLASS HOURS: 26 HOURS (2 hours a week for 15 weeks)**

Students shadow healthcare service providers in government-sponsored clinics as well as other public health-focused non-governmental organizations (NGOs) to gain a better understanding of current health problems and hazards in Botswana.

**TOTAL HOURS: 75 HOURS (5 hours per week: 15 weeks)**

Students also spend a week in a rural Botswana observing in clinics for purposes of investigation, observation, and community education and also understand the difference between health care delivery system in urban and rural Botswana.

**TOTAL HOURS: 25 HOURS (5 Hours per day for 5 days)**

Through observation and discussions with local healthcare professionals, students gain a better understanding of current health problems and hazards in Botswana, and a final project is based in part upon the two field experiences

**Learning Objectives**

1. Illustrate public health’s interdisciplinary, cross-cutting character and the contributions of different disciplines and professions to improving health.
2. Explain how practitioners assess interventions for improving population health.
3. Identify how social and behavioral interventions affect population health.
4. Explain how policy and law affect population health in Botswana.
5. Identify the impact of the environment and describe how communicable disease affects health.
6. Explain the burden of infectious and chronic diseases and injuries on morbidity and mortality and approaches to early detection and prevention.

7. Describe the basic organization of healthcare and public health systems in Botswana and the contributions of health professionals.

8. Identify the roles of public health in addressing health disparities and the needs of vulnerable populations.

9. Participate in the implementation of health care policies in the various community health settings.

**Course Prerequisites**

There are no prerequisites required for this course.

**Methods of Instruction**

This course is taught through a combination of approaches: i.e. direct instruction, clinic observations, and field trips. Students will also actively engage course material through in-class discussions and review of public health related current events. The set of assigned readings and written assignments will broaden the student’s understanding of topics covered in class and reinforce the concept of multidisciplinary integration in public health. Regular class attendance and active participation in class discussions are essential for achieving a meaningful learning experience.

**Assessment and Final Grade**

1. Reflective Journal X 3 35%
2. Public Health Intervention review 50%
3. Class Presentation on a public health intervention 15%

This course will be assessed by continuous assessment only and there will be no final examination.

**Course Requirements**

**Clinical Activities/Observations**

Students will rotate through the following clinical sites:

- Health Clinics in Gaborone
- A week in Kanye (Village Clinics)

There will be a weekly clinical conference where students are expected to analyze and share experiences from the health care settings.

What to Observe in the Clinics:

- How patients are received?
• Communication between patients and providers – language used
• Health information they are given concerning their health condition (verbal, handouts, brochures)
• Privacy and confidentiality during the interaction with providers
• Availability of supplies, equipment & medications
• Sanitation and hygiene
• General health status of clients/patients (malnutrition)
• Health promotion activities (health education)
• Environmental hygiene
• Health policies, manuals and guidelines used in the facilities
• Health message and signage (signs)
• How patients are screened
• How child growth and development is monitored
• Observe other services

**G-West**: Focus on how patients are screened, human resource issues, how children are assessed, and child development and immunizations

**Block 6**: Focus on how non-communicable diseases are treated, including diet

**Phase 2**: Focus on the Infectious Disease Care Clinic, specifically how patients are received, types of service providers available, what type of information is given, and treatment adherence rates

**Mafithakgosi, Tlokweng**: HIV/ AIDS and male circumcision; Referrals from Tlokweng to Gaborone

**Extension Two Clinic**: Health policy especially referral guidelines, what kind of conditions/health problems are referred to Princess Marina Hospital and how referrals are done, Sanitation and hygiene

**Clinics in Kanye**: Health education/promotion, common health topics, how health messages disseminated and availability of supplies, equipment & medications

**Reflective Journals**

Students are expected to keep an experiential diary to record their learning experiences. The students will then submit **THREE** reflective journals (2-3 pages) which will include but not limited to:
The journals will address the following areas:
1. Strengths and weaknesses of the health care system.
2. Perception of the public health ethics in the primary care settings you have been in – rural and urban.
3. Make recommendations based on your own clinical observations.

Final Assignment

**Public Health Intervention Review**
All students are expected to complete a written report of the intervention observed in the clinic as part of the Community Public Health Practicum. The written report is worth 50% of the final grade. This intervention observation affords opportunity to participate in the full spectrum analyzing public health intervention, either directly or through observation, consultation with stakeholders (either affected or offering services), and pertinent reading.

The following are some of the programs that students can review:

- Child welfare program (various aspects e.g. Immunizations, Nutrition and feeding program, integrated management of childhood illnesses)
- Health promotion message dissemination
- Prevention of mother to child transmission of HIV
- Antenatal care service
- Postnatal care service
- Directly observed treatment of TB
- Community management of TB
- Palliative care interventions
- Transportation of patients (referral to high level care)
- etc

The written report must be approximately 6-8 pages in length, 1.5 lines spacing excluding appendix and references. Each section should be clearly labelled with appropriate headers.
1) Title
2) Background of the Health intervention observed
3) Health Intervention issues/problems and target population
4) Rationale and Justification for the intervention
5) Discussion of the health intervention (strategies, policy and priority settings, etc.
6) Challenges and lesson learned
7) Recommendations
**Requirements**

- Borrowed information must be properly cited.
- Your opinion should be backed up with facts and citations and write your opinion as a thesis.
- You can use any referencing style but be consistent.

**Oral Presentation of the Public Health Intervention observed**

Students are also expected to present to their peers the public health intervention that they observed in the clinic. The presentation will be approximately 15 minutes (plus 5 minutes for questions) and worth 10% of your final grades. The presentation must have visual components. The following rubric will be used in grading the presentation:

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<th>Poor 1 point</th>
<th>Fair 2 points</th>
<th>Good 3 points</th>
<th>Excellent 4 points</th>
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<td>Content/Subject knowledge</td>
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<td>Clarity</td>
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Suggestion for the Presentation

- Do not “read from the slides”
- Prepare not more than 20 slides
- Whenever possible use graphics, charts, photos to support your discussion, rather than text only power-point slides
- Load your presentation onto a memory stick as internet access is not always available
- Support all your work

**Attendance and Class Participation**

A roll call will be taken during class. You are expected to attend class 100% of the time. There should be valid reasons for missing class.

Submission of assignments should be made on due date. Late submission and lack of class attendance should be supported by valid reasons such as sick leave etc. Late submission of assignments will be marked down 5% after the first day and 1% every day afterwards), and that no coursework will be accepted after the last day of class.

**Weekly Schedule**

**Week 1**  **Introductions and expectation**
Lecture on Ethics in Clinic

**Overview of the Botswana health care delivery system**
Lecture notes & class discussions

**Week 2**

**Overview of the HIV/AIDS Response in Botswana**
Readings:
- Botswana National Strategic Framework II (2010-2016)

**Reflective Journal 1 due**

**Week 3**

**Child Health and Development; Vaccinations and Nutrition**

Class discussion
Readings:
- Accelerated Child Survival & Development Strategy- Botswana
- Botswana National Roadmap for Reduction of Maternal and Newborn Mortality
- Botswana Expanded Programme on Immunization

**Week 4**

Observation of rural health care delivery system Kanye Village

Clinic Shadowing this week

**Week 5**

Pediatric and Adolescent HIV Care, Treatment and Support in Botswana

**Week 6**

Non-Communicable Disease and Health Promotion Strategies in Botswana
Lecture notes & class discussions
Annotated Bibliography assignment due

**Week 7**

Non-Communicable Disease and Health Promotion Strategies in Botswana

Class discussions
Readings:
- Botswana STEPS Non-communicable Disease Risk Factors Survey 2007

**Reflective journal 2 due**
Week 8

MID-SEMESTER BREAK

Week 9

The Role of Traditional Medicine in the Botswana Health Care Delivery System

Guest Lecture

Readings:


Week 10

Men’s Health Issues in Botswana

Guest Lecture

Readings:


Reflective Journal 3 due

Week 11

Maternal Health, Sexual Reproductive health in Botswana

Class discussions

Readings:


Week 12

Ethical Challenges in the Health Care Delivery System

Week 13

General Discussion and Evaluation of the Course

Research Proposal Due
Week 14
Last week of CPH Visits to Clinics
Class Presentations

Week 15
Class Presentations

Week 16
Final Examinations period begins

Week 17
Final Examination period ends

Readings


