

Syllabus: GH 480: Global Health Capstone

Course Title: GH 480: Global Health Capstone

Semester: Fall 2024

Instructor: Dr. Rebecca White

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Office Hours: Thursdays 2:00-4:30 PM OR by appointment

Class Time & Place: Monday or Wednesday 3:00-4:15 PM in SANCA 255

Course Description:

This capstone course focuses on addressing global health challenges through the design and implementation of public health interventions. Students will develop and implement a project that targets a specific global health issue, with an emphasis on research, planning, and evaluation. The course includes the development of a project proposal, implementation, monitoring, and presentation of findings through a report and at the Innovation Showcase.

Course Objectives:

Design and implement a public health intervention that addresses a global health issue.

Conduct a thorough needs assessment and plan for the intervention.

Evaluate the impact of the intervention on the target population.

Effectively present the project at the Innovation Showcase.

Learning Outcomes:

Gain expertise in global health challenges and intervention strategies.

Develop practical skills in public health planning, implementation, and evaluation.

Improve communication skills through written reports and presentations.

Enhance the ability to manage global health projects from conception to completion.

Group Project and Required Subtasks:

The group project for this course will focus on designing and evaluating a public health intervention that addresses a global health challenge. The project will be divided into the following subtasks:

1. **Project Proposal (Week 3):**

- Submit a proposal that outlines the global health issue being addressed, the proposed intervention, and a detailed timeline. Assign roles and responsibilities within the group.

2. **Needs Assessment and Planning (Weeks 4-6):**

- Conduct a needs assessment in the target population or region and develop a detailed plan for the intervention, including strategies for implementation and evaluation.

3. **Implementation (Weeks 7-10):**

- Implement the public health intervention in a controlled or simulated environment. Collect preliminary data on the intervention's effectiveness.

4. **Evaluation and Feedback (Weeks 11-12):**

- Evaluate the outcomes of the intervention using the data collected. Identify successes, challenges, and areas for improvement.

5. **Final Report and Presentation (Weeks 13-15):**

- Document the entire project process, including design decisions, challenges, and outcomes in a final report.

- Prepare a poster and presentation for the Innovation Showcase that effectively communicates the project's impact on global health.

Groups will need to collaborate closely and meet regularly to ensure progress. Instructor check-ins

will be provided to offer guidance and address any issues that arise.

Evaluation:

Class meetings (5): 20 points

Individual meetings (3): 12 points

Project Proposal: 10 points

Needs Assessment and Planning: 15 points

Implementation: 18 points

Evaluation and Feedback: 10 points

Final Report: 10 points

Presentation: 5 points

Poster: 10 points

Total: 100 points

Course Policies:

Attendance and Participation: Regular attendance and active participation are crucial for success in this course. Students are expected to attend all scheduled class meetings and individual sessions. If a student is unable to attend a class, they should inform the instructor in advance and arrange to complete any missed work.

Academic Integrity: All students must adhere to ASU's academic integrity policy. Any form of academic dishonesty, including plagiarism, will be reported and may result in severe penalties, including a failing grade for the course.

Accommodations: Students with disabilities or special needs should contact the ASU Disability Resource Center to arrange appropriate accommodations and notify the instructor as soon as possible.

Important Dates:

Class Week 1: Introductions & Project Brainstorming (Aug 26)

Individual Meeting #1: Discuss Ideas and Readings (Sep 4)

Class Week 2: Proposal Presentation & Group Feedback (Sep 18)

Individual Meeting #2: Proposal Feedback & Methods Discussion (Oct 2)

Class Week 3: Revised Proposal Presentation & CERTT Tour (Oct 23)

Individual Meeting #3: Data Analysis & Progress Review (Nov 13)

Class Week 4: Professional Development & Project Discussion (Nov 27)

Innovation Showcase: Final Presentations & Poster Display (Dec 6)