**Template D2-2**

| Assessment of Competencies for MPH in X Concentration | | |
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| **Competency** | *** Course number(s) or other educational requirements** | **Specific assessment opportunity** |
| **Evidence-based Approaches to Public Health** | | |
| 1. Apply epidemiological methods to the breadth of settings and situations in public health practice | PHC 6080 Population Assessment I | Final exam; SPSS Assignments; Case Study Assignments; Pre, post and in class activities |
| | PHC 6082 Population Assessment II | Final exam; SPSS Database Project; Built Environment Assessment; Pre, post and in class activities |
| | PHC 6140 Translation to Practice | Group Project, Part 1, Phase 1 |
| 2. Select quantitative and qualitative data collection methods appropriate for a given public health context | PHC 6080 Population Assessment I | SPSS Assignments; Case Study Assignments; Pre, post and in class activities |
| | PHC 6082 Population Assessment II | Final exam; SPSS Database Project Built Environment Assessment; Pre, post and in class activities |
| | PHC 6140 Translation to Practice | Group Project, Part 1, Phase 1 and 2 |
| 3. Analyze quantitative and qualitative data using biostatistics, informatics, computer-based programming and software, as appropriate | PHC 6080 Population Assessment I | SPSS Assignments; Final exam |
| | PHC 6082 Population Assessment II | SPSS Database Project; Built Environment Assessment; |
| | PHC 6140 Translation to Practice | Group Project, Part 1, Phase 1 and 2 |
| 4. Interpret results of data analysis for public health research, policy or practice | PHC 6082 Population Assessment II | SPSS Database Project; Built Environment Assessment; |
| | PHC 6140 Translation to Practice | Group Project, Part 1, Phase 2 |
| **Public Health & Health Care Systems** | | |
| 5. Compare the organization, structure and function of health care, public health and regulatory systems across national and international settings | PHC 6600 History and Systems | Writing Assignment 3; Final Exam; Discussion boards |
| | PHC 6082 Population Assessment II | Module 8 pre, in, post class assignments; final exam; Module 8 group presentation |

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| 6. Discuss the means by which structural bias, social inequities and racism undermine health and create challenges to achieving health equity at organizational, community and societal levels | PHC 6080 Population Assessment I | Module 2 assignments; Final exam; Case studies; Health inequities reflection paper |
| | PHC 6082 Population Assessment II | Module 9 assignments; Final exam |
| **Planning & Management to Promote Health** | | |
| 7. Assess population needs, assets and capacities that affect communities' health | PHC 6080 Population Assessment I | Case study assignment; Module assignments (all); final exam |
| | PHC 6082 Population Assessment II | Module assignments (all); final exam |
| | PHC 6140 Translation to Practice | Group Project, Part 1, Phase 3 |
| 8. Apply awareness of cultural values and practices to the design or implementation of public health policies or programs | PHC 6080 Population Assessment I | Module 2 Case Study Assignments |
| | PHC 6140 Translation to Practice | Final Project |
| 9. Design a population-based policy, program, project or intervention | PHC 6140 Translation to Practice | Group Project, Part 2 |
| 10. Explain basic principles and tools of budget and resource management | PHC 6140 Translation to Practice | Group Project, Part 4 |
| 11. Select methods to evaluate public health programs | PHC 6140 Translation to Practice | Group Project, Part 5 |
| **Policy in Public Health** | | |
| 12. Discuss multiple dimensions of the policy-making process, including the roles of ethics and evidence | PHC 6600 History and Systems | Writing Assignment 2; Final exam; discussion board |
| | PHC 6080 Population Assessment I | Module 4 Ethics Assignment |
| | PHC 6082 Population Assessment II | Module 8 assignments; Module 8 group assignment |
| 13. Propose strategies to identify stakeholders and build coalitions and partnerships for influencing public health outcomes | PHC 6140 Translation to Practice | Group Project, Part 3 |
| 14. Advocate for political, social or economic policies and programs that will improve health in diverse populations | PHC 6600 History and Systems | Writing Assignment 1; Final exam; discussion board |
| | PHC 6080 Population Assessment I | Program Funding Debate |
| | PHC 6082 Population Assessment II | Policy Brief Paper; Module Assignments |

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| | PHC 6140 Translation to Practice | Current Issue Presentation/Debate |
| 15. Evaluate policies for their impact on public health and health equity | PHC 6600 History and Systems | Critical thinking assignment; Final exam |
| | PHC 6082 Population Assessment II | Module 8 Assignments |
| **Leadership** | | |
| 16. Apply principles of leadership, governance and management, which include creating a vision, empowering others, fostering collaboration and guiding decision making | PHC 6140 Translation to Practice | Group Project, Part 1, Final Product, Group Presentation, Group Evaluation |
| 17. Apply negotiation and mediation skills to address organizational or community challenges | PHC 6082 Population Assessment II | Module 8 Group project |
| | PHC 6140 Translation to Practice | Small Group Work, Lessons 2, 3 and 4 |
| **Communication** | | |
| 18. Select communication strategies for different audiences and sectors | PHC 6600 History and Systems | Letter to the Editor; Book critique; writing assignments; |
| | PHC 6080 Population Assessment I | Story Talk Presentation; Book Critique; Final Academic Paper; Group presentations/module assignments |
| | PHC 6082 Population Assessment II | Policy Brief; Academic Paper; Built Environment Executive Summary; SPSS Database Project write up |
| | PHC 6140 Translation to Practice | Current Issue Presentation/Debate, Small Group Work Lesson 8 |
| 19. Communicate audience-appropriate public health content, both in writing and through oral presentation | PHC 6600 History and Systems | Letter to the Editor; Book critique; writing assignments; Final Academic Paper |
| | PHC 6080 Population Assessment I | Story Talk Presentation; Book Critique; Group presentations/module assignments; Risk Assessment |
| | PHC 6082 Population Assessment II | Policy Brief; Academic Paper; Built Environment Executive Summary; SPSS Database Project write up; Module Assignments |
| | PHC 6140 Translation to Practice | Final Presentation, Current Issue Presentation, Small Group Work Lesson 7 |

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| 20. Describe the importance of cultural competence in communicating public health content | PHC 6080 Population Assessment I | Module 2 Assignments; Case Study Presentations |
| **Interprofessional Practice** | | |
| 21. Perform effectively on interprofessional^ teams | All courses | Group and Individual evaluations of interprofessionalism |
| **Systems Thinking** | | |
| 22. Apply systems thinking tools to a public health issue | PHC 6080 Population Assessment I | Module 1 assignments; final exam; embedded throughout |

* The Council understands that schools and programs may assess each competency in multiple courses or learning opportunities. This

^ "Interprofessional education occurs when students from two or more professions learn about, from and with each other to enable effective collaboration and improve health outcomes." From: Framework for Action on Interprofessional Education & Collaborative Practice (WHO/HRH/HPN/10.3).

In this context, "interprofessional" refers to engagement with professionals outside of public health (eg, architects, nurses), rather than to engagement with individuals from other public health disciplines (eg, biostatisticians, health promotion specialists).