

MASTER OF PUBLIC HEALTH PROGRAM ARTIFACT MATRIX

PROGRAM OUTCOMES	MPH 500 FUND. OF PUBLIC HEALTH	MPH 505 BIOSTATISTICS	MPH 510 APPLIED EPIDEMIOLOGY	MPH 515 PRIN. OF HEALTH BEHAVIOR	MPH 520 CONCEPTS OF ENVIRON. HEALTH	MPH 525 HEALTH POLICY AND MGMT.	MPH 530 METHODS OF RESEARCH IN PUBLIC HEALTH	MPH 598 APPLIED RESEARCH IN PUBLIC HEALTH	MPH 599 PUBLIC HEALTH FIELD PRACTICUM
1. Demonstrate knowledge of and skill in the communication of strategies to improve the health of individuals and communities. Expectations: Mean 1.5-2 Set 1 – 3/2/15-11/1/15 Spring B 2015 Summer A 2015 Set 2 – 1/1/16 – 10/24/16 Set 3 – 8/29/16 – 12/31/16	Research Paper 1st set: N=10 Mean 1.8 30% beginning; 60% developing; 10% advancing; 0% proficient 2nd set: N = 7 Mean 1.71 43% beginning; 43% developing; 14% advancing; 0% proficient 3rd set: N = 5 Mean 2 0% beginning; 100% developing; 0% advancing; 0% proficient	Final Assignment 2nd set: N = 10 Mean 2.5 10% beginning; 40% developing; 40% advancing; 10% proficient 3rd set: N = 6 Mean 3 0% beginning; 0% developing; 100% advancing; 0% proficient	Capstone Screening Project 2nd set: N = 10 Mean 2.8 0% beginning; 20% developing; 80% advancing; 0% proficient	Research Paper 2nd set: N = 10 Mean 3 0% beginning; 0% developing; 100% advancing; 0% proficient 3rd set: N = 5 Mean 2.4 20% beginning; 20% developing; 60% advancing; 0% proficient	Prezi Project 2nd set: N = 10 Mean 2.4 0% beginning; 60% developing; 40% advancing; 0% proficient 3rd set: N = 5 Mean 2 0% beginning; 100% developing; 0% advancing; 0% proficient	Communicating Your Message Paper 2nd set: N = 5 Mean 2.8 0% beginning; 20% developing; 80% advancing; 0% proficient 3rd set: N = 8 Mean 2.88 0% beginning; 13% developing; 88% advancing; 0% proficient	Systematic Review Proposal 3rd set: N = 2 Mean 3.5 0% beginning; 0% developing; 50% advancing; 50% proficient		

<p>2. Demonstrate knowledge of and skill in the design, implementation and evaluation of public health programs and policies to promote health according to the specific needs of different populations.</p> <p>Expectations: Mean 1.25-1.75</p> <p>Set 1 – 3/2/15-11/1/15 Spring B 2015 Summer A 2015</p> <p>Set 2 – 1/1/16 – 10/24/16</p> <p>Set 3 – 8/29/16 – 12/31/16</p>	<p>Research Paper</p> <p>1st set: N=10 Mean 1.6 40% beginning; 60% developing; 0% advancing; 0% proficient</p> <p>2nd set: N = 7 Mean 1.57 43% beginning; 57% developing; 0% advancing; 0% proficient</p> <p>3rd set: N = 5 Mean 1.6 40% beginning; 60% developing; 0% advancing; 0% proficient</p>		<p>Capstone Screening Project</p> <p>2nd set: N = 10 Mean 2.5 0% beginning; 50% developing; 50% advancing; 0% proficient</p>	<p>Research Paper</p> <p>2nd set: N = 10 Mean 2.8 0% beginning; 20% developing; 80% advancing; 0% proficient</p> <p>3rd set: N = 5 Mean 2.2 20% beginning; 40% developing; 40% advancing; 0% proficient</p>	<p>Prezi Project</p> <p>2nd set: N = 10 Mean 2 20% beginning; 60% developing; 20% advancing; 0% proficient</p> <p>3rd set: N = 5 Mean 2 0% beginning; 100% developing; 0% advancing; 0% proficient</p>	<p>Communicating Your Message Paper</p> <p>2nd set: N = 5 Mean 3 0% beginning; 0% developing; 100% advancing; 0% proficient</p> <p>3rd set: N = 8 Mean 2.13 0% beginning; 88% developing; 13% advancing; 0% proficient</p>	<p>Systematic Review Proposal</p> <p>3rd set: N = 2 Mean 2.5 0% beginning; 50% developing; 50% advancing; 0% proficient</p>		
<p>3. Demonstrate knowledge of and skill in the implementation of a public health program that reflects communication,</p>			<p>Capstone Screening Project</p> <p>2nd set: N = 10 Mean 2.6 0% beginning; 40% developing;</p>	<p>Research Paper</p> <p>2nd set: N = 10 Mean 2.6 0% beginning; 40% developing; 60% advancing; 0% proficient</p>					

<p>leadership and advocacy skills.</p> <p>Expectations: (3/02/2015) Set 1 – 3/2/15-11/1/15 Spring B 2015 Summer A 2015</p> <p>Set 2 – 1/1/16 – 10/24/16</p> <p>Set 3 – 8/29/16 – 12/31/16</p>			<p>60% advancing; 0% proficient</p>	<p>3rd set: N = 5 Mean 2.6 0% beginning; 40% developing; 60% advancing; 0% proficient</p>					
<p>4. Demonstrate knowledge of and skill in the critical review, analysis, application of findings and recommendations from medical and public health literature and research.</p> <p>Expectations: Mean 2</p> <p>Set 1 – 3/2/15-11/1/15 Spring B 2015 Summer A 2015</p>	<p>Research Paper</p> <p>1st set: N=10 Mean 1.6 40% beginning; 60% developing; 0% advancing; 0% proficient</p> <p>2nd set: N = 7 Mean 1.43 57% beginning; 43% developing; 0% advancing; 0% proficient</p> <p>3rd set:</p>	<p>Final Assignment</p> <p>2nd set: N = 10 Mean 2.4 20% beginning; 30% developing; ; 40% advancing; 10% proficient</p> <p>3rd set: N = 6 Mean 2.83 0% beginning; 17% developing; ; 83% advancing; 0% proficient</p>	<p>Capstone Screening Project</p> <p>2nd set: N = 10 Mean 2.9 0% beginning; 40% developing; 30% advancing; 30% proficient</p>	<p>Research Paper</p> <p>2nd set: N = 10 Mean 2.7 0% beginning; 30% developing; 70% advancing; 0% proficient</p> <p>3rd set: N = 5 Mean 2.2 40% beginning; 0% developing; 60% advancing; 0% proficient</p>	<p>Prezi Project</p> <p>2nd set: N = 10 Mean 2 40% beginning; 20% developing; 40% advancing; 0% proficient</p> <p>3rd set: N = 5 Mean 2 0% beginning; 100% developing; 0% advancing; 0% proficient</p>	<p>Communicating Your Message Paper</p> <p>2nd set: N = 5 Mean 2.4 20% beginning; 20% developing; 60% advancing; 0% proficient</p> <p>3rd set: N = 8 Mean 2.63 0% beginning; 38% developing; 63% advancing; 0% proficient</p>	<p>Systematic Review Proposal</p> <p>3rd set: N = 2 Mean 3 0% beginning; 50% developing; 0% advancing; 50% proficient</p>		

<p>Set 2 – 1/1/16 – 10/24/16</p> <p>Set 3 – 8/29/16 – 12/31/16</p>	<p>N = 5 Mean 2 20% beginning; 60% developing; 20% advancing; 0% proficient</p>								
<p>5. Demonstrate knowledge of and skill in the conduct of qualitative and quantitative public health research using proper methodologies</p> <p>Expectations:</p> <p>Set 1 – 3/2/15-11/1/15 Spring B 2015 Summer A 2015</p> <p>Set 2 – 1/1/16 – 10/24/16</p> <p>Set 3 – 8/29/16 – 12/31/16</p>		<p>Final Assignment</p> <p>2nd set: N = 10 Mean 2.4 10% beginning; 40% developing; 50% advancing; 0% proficient</p> <p>3rd set: N = 6 Mean 2.83 0% beginning; 17% developing; 83% advancing; 0% proficient</p>					<p>Systematic Review Proposal</p> <p>3rd set: N = 2 Mean 3 0% beginning; 50% developing; 0% advancing; 50% proficient</p>		
<p>6. Demonstrate knowledge of, skill in and disposition toward the application of ethical reasoning and professional</p>				<p>Research Paper</p> <p>2nd set: N = 10 Mean 3 0% beginning; 0% developing;</p>			<p>Systematic Review Proposal</p> <p>3rd set: N = 2 Mean 3.5 0% beginning; 0%</p>		

<p>practice implicit in public health decisions.</p> <p>Expectations:</p> <p>Set 1 – 3/2/15-11/1/15 Spring B 2015 Summer A 2015</p> <p>Set 2 – 1/1/16 – 10/24/16</p> <p>Set 3 – 8/29/16 – 12/31/16</p>				<p>100% advancing; 0% proficient</p> <p>3rd set: N = 5 Mean 2.4 20% beginning; 20% developing; 60% advancing; 0% proficient</p>			<p>developing; 50% advancing; 50% proficient</p>		
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Data results:

- **Set 1 – 3/2/15-11/1/15** data collection
 - January 2016 by outcomes
- **Set 2 – 1/1/16 – 10/24/16** data collection
 - March 2017 by outcomes
- **Set 3 – 8/29/16 – 12/31/16** data collection
 - September 2017 by outcomes

Plan of Action:

Set 1 – 3/2/15-11/1/15 – MPH 500 - Overall, scores seemed reasonable considering it was the first class in the program. Assignment clarification needs to be given to include the health policy domain in the research paper as that was an area that lacked in depth for many artifacts (Program Outcome #1). Library resources, how to find peer reviewed journal article,

and APA review needed (Program Outcome #4). MPH 500 was recently revised to improve in all of these areas. In addition, we've added more library and APA resources in the New Student Orientation and the resources page for all students.

Set 2 – 1/1/16 – 10/24/16 – Continue to evaluate over next few months and compare to Set 3.

Set 3 – 8/29/16 – 12/31/16 - Continue to evaluate over next few months and compare to Set 4. Additionally, Program Outcome #4 (critical review, analysis, application of findings and recommendations from medical and public health literature and research) continues to be lower than desired. By the time a student reaches MPH 530, 100% of them should be “developing” or “advancing”. Our sample size was small (n=2), but 50% (1 student) did not reach this level. This will be closely monitored moving forward. Additionally, resources were added to Week 1 of all courses to help familiarize students with library resources, how to use Concordia’s online library database, and the contact information for our Concordia Reference and Instruction Librarian. The hope is that Program Outcome #4 will improve in all classes.

Budget Implications:

Set 1 – 3/2/15-11/1/15 – MPH 500 - Revised MPH 500 (\$450)

Set 2 – 1/1/16 – 10/24/16 - None

Set 3 – 8/29/16 – 12/31/16 - None