



Application for Emergency Response Coordinator Certification

Thank you for considering the certification process offered by the Public Health Practitioner Certification Board. We look forward to receiving your application.

Things to know about the application:

1. You will be asked to provide evidence of fulfilling specific competencies through either experiential or through documented educational achievement or a combination of both.
2. All competencies must be fulfilled for the Board to accept the application for review.
3. You will need to provide a resume or CV.

Application Cover Sheet

Name _____

Position/Title _____

Agency/Organization _____

Address for Correspondence Home Business

Address _____

City _____ State _____ Zip Code _____

E-mail _____ Telephone _____ Fax _____

Yes, a copy of my resume or CV is enclosed.

I will be submitting (please check one):

Experiential Evidence Educational Evidence Combination of Both

The above statements and the accompanying documentation are true and correct to the best of my knowledge. By signing this form, I attest to their validity.

Signature _____ Date _____

EXPERIENTIAL EVIDENCE FORMS

INSTRUCTIONS FOR DOCUMENTING EXPERIENTIAL EVIDENCE

The documentation verifying your competency-based experience should be completed by attester(s) (credible individuals who are familiar with your work experience, who can verify competency and provide **SPECIFIC EXAMPLES** of activities in which you demonstrated a specific competency). The application requires that you do the following:

1. You should contact your attesters to ask them a) if they will attest to your competency-based experience and b) whether they would prefer to complete the forms with or without specific examples provided by you.
2. For each attester, complete the Attester Information Form and remember to provide one or two sentences about the nature of your relationship.
3. If the attester wants specific examples provided by you, then pre-fill the forms before you send them to the attester. (The attester may accept, edit and/or add examples of your experience).
4. You have the option to include an attester's completed forms in your application for review. You may delete the attester and their evidence completely if you don't feel that it provides sufficient evidence of your competency.

* If you are submitting a hard copy application, you may copy these forms when more than one person is attesting to a single competency and write your name on each form. If the attester needs more space or wants to type up the responses on another sheet of paper, please ask him/her to note your name and the competency for which he/she is submitting evidence.

ATTESTER(S) INFORMATION FORM

Name	Address/Phone
1.	
Relationship	
2.	
Relationship	
3.	
Relationship	
4.	
Relationship	
5.	
Relationship	

Competency Area: PUBLIC HEALTH PRACTICE

The applicant has an in-depth understanding of and/or extensive experience with the basic principles, tools and processes of public health practice, in terms of working with and through the various institutions, organizations, and individuals that contribute to carrying out public health's core functions and essential services in the community.

Thank you for agreeing to be an attester. Please confirm that the applicant has a high-level of competency in the area of *Public Health Practice* by commenting on each competency listed below. If the applicant has provided specific examples, please regard them as suggestions, which you may use or edit. If you can verify that the applicant has sufficient experience in a particular competency, then select "Yes" for that competency and provide specific examples. If your experience with the applicant is not sufficient to verify the competency, then select "No." If you do not have enough space below, use a separate sheet of paper and note the competency area name and number for each example. Sign this sheet and any extra sheets used.

<p>1. The applicant can describe what public health is, including its unique and important features, to general audiences.</p>	<p>Yes _____ No _____ (Unable to verify)</p>
<p>Specific Examples:</p>	
<p>2. The applicant understands and effectively applies measures of population health and illness, including risk factors, in community health improvement in community health improvement initiatives.</p>	<p>Yes _____ No _____ (Unable to verify)</p>
<p>Specific Examples:</p>	

<p>3. The applicant understands, identifies and implements public health and prevention strategies for prevalent health problems.</p>	<p>Yes _____ No _____ (Unable to verify)</p>
<p>Specific Examples:</p>	
<p>4. The applicant understands the role of law and government in promoting and protecting the health of the public and identifying specific functions and roles of governmental public health agencies in assuring population health.</p>	<p>Yes _____ No _____ (Unable to verify)</p>
<p>Specific Examples:</p>	
<p>5. The applicant understands how various organizations, positions, and roles contribute to carrying out public health's core functions and essential services.</p>	<p>Yes _____ No _____ (Unable to verify)</p>
<p>Specific Examples:</p>	

6. The applicant identifies measures and assesses components of the public health infrastructure in the community.	Yes _____ No _____ (Unable to verify)
Specific Examples:	
7. The applicant understands and applies principles derived from the basic public health sciences to planning, implementing, and evaluating public health interventions.	Yes _____ No _____ (Unable to verify)
Specific Examples:	

I hereby confirm the high-level competency of _____
Applicant's Name

in the public health practice skills and activities listed above.

Signature

Date

Phone number or
E-mail address

Competency Area: COMMUNITY HEALTH ASSESSMENT

The applicant has an in-depth understanding of and/or extensive experience with the basic principles, tools, and methods of community health improvement processes.

Thank you for agreeing to be an attester. Please confirm that the applicant has a high-level of competency in the area of *Community Health Assessment* by commenting on each competency listed below. If the applicant has provided specific examples, please regard them as suggestions, which you may use or edit. If you can verify that the applicant has sufficient experience in a particular competency, then select "Yes" for that competency and provide specific examples. If your experience with the applicant is not sufficient to verify the competency, then select "No." If you do not have enough space below, use a separate sheet of paper and note the competency area name and number for each example. Sign this sheet and any extra sheets used.

<p>1. The applicant understands assessment in public health, including its unique and important features, to general audiences.</p>	<p>Yes _____ No _____ (Unable to verify)</p>
<p>Specific Examples:</p>	
<p>2. The applicant understands and effectively obtains, applies, and interprets measures of population health status that are commonly used in community health processes.</p>	<p>Yes _____ No _____ (Unable to verify)</p>
<p>Specific Examples:</p>	

<p>3. The applicant understands and effectively obtains, applies, and interprets measures of community capacity that are commonly used in community health improvement processes.</p>	<p>Yes _____ No _____ (Unable to verify)</p>
<p>Specific Examples:</p>	
<p>4. The applicant understands and effectively obtains, applies, and interprets qualitative measures of community health that are commonly used in community health improvement processes.</p>	<p>Yes _____ No _____ (Unable to verify)</p>
<p>Specific Examples:</p>	
<p>5. The applicant understands logic model development and application, demonstrating interrelationships among risk and protective factors for population health that are commonly used in community health improvement processes.</p>	<p>Yes _____ No _____ (Unable to verify)</p>
<p>Specific Examples:</p>	

Competency Area: PUBLIC HEALTH POLICY, ADVOCACY AND LAW

The applicant has an in-depth understanding of and/or extensive experience with the basic principles, tools, and processes for policy development, advocacy and law in public health.

Thank you for agreeing to be an attester. Please confirm that the applicant has a high-level of competency in the area of *Public Health Policy, Advocacy and Law* by commenting on each competency listed below. If the applicant has provided specific examples, please regard them as suggestions, which you may use or edit. If you can verify that the applicant has sufficient experience in a particular competency, then select "Yes" for that competency and provide specific examples. If your experience with the applicant is not sufficient to verify the competency, then select "No." If you do not have enough space below, use a separate sheet of paper and note the competency area name and number for each example. Sign this sheet and any extra sheets used.

<p>1. The applicant can describe advocacy policy development in public health, including its unique and important features, to general audiences.</p>	<p>Yes _____ No _____ (Unable to verify)</p>
<p>Specific Examples:</p>	
<p>2. The applicant understands and effectively identifies and applies theories and approaches that drive public health policy-making for important public health issues.</p>	<p>Yes _____ No _____ (Unable to verify)</p>
<p>Specific Examples:</p>	

<p>3. The applicant understands and applies advocacy and agenda-setting principles to formulate public health policy.</p>	<p>Yes _____ No _____ (Unable to verify)</p>
<p>Specific Examples:</p>	
<p>4. The applicant applies principles of public health law and its legislative processes to formulate and implement public health policy.</p>	<p>Yes _____ No _____ (Unable to verify)</p>
<p>Specific Examples:</p>	
<p>5. The applicant applies principles of public health law and its regulatory processes to implement public health policy.</p>	<p>Yes _____ No _____ (Unable to verify)</p>
<p>Specific Examples:</p>	

Competency Area: PROGRAM DEVELOPMENT AND EVALUATION

The applicant has an in-depth understanding of and/or extensive experience with the principles, tools, and processes for developing and evaluating public health programs.

Please confirm that the person named has a high-level of competency in the area of *Program Development and Evaluation* by commenting on each competency listed below. The demonstration of competency must be at a broad level, based on the understanding of and experience with public health concepts and skills noted in each competency. Please check “Yes” if you can verify that the applicant has experience in each sub-competency area, or “No” if your experience with the applicant is not sufficient to verify their competency. If you check “Yes”, list specific examples of when the applicant demonstrated understanding of and experience in each. If you do not have enough space below, use a separate sheet of paper and note the competency area name and number for each example. Sign this sheet and any extra sheets used.

<p>1. The applicant can describe program development and evaluation in public health, including its unique and important features, to general audiences.</p>	<p>Yes _____ No _____ (Unable to verify)</p>
<p>Specific Examples:</p>	
<p>2. The applicant can plan public health programs.</p>	<p>Yes _____ No _____ (Unable to verify)</p>
<p>Specific Examples:</p>	

3. The applicant can develop public health programs.	Yes _____ No _____ (Unable to verify)
Specific Examples:	
4. The applicant can implement public health programs.	Yes _____ No _____ (Unable to verify)
Specific Examples:	
5. The applicant can design and evaluate public health programs.	Yes _____ No _____ (Unable to verify)
Specific Examples:	

Competency Area:**PUBLIC HEALTH EMERGENCY PREPAREDNESS AND RESPONSE**

The applicant has an in-depth understanding of and/or extensive experience with the principles, tools and processes for preparedness and response to public health emergencies, including bioterrorism events and threats.

Thank you for agreeing to be an attester. Please confirm that the applicant has a high-level of competency in the area of *Public Health Emergency Preparedness and Response* by commenting on each competency listed below. If the applicant has provided specific examples, please regard them as suggestions, which you may use or edit. If you can verify that the applicant has sufficient experience in a particular competency, then select "Yes" for that competency and provide specific examples. If your experience with the applicant is not sufficient to verify the competency, then select "No." If you do not have enough space below, use a separate sheet of paper and note the competency area name and number for each example. Sign this sheet and any extra sheets used.

<p>1. The applicant can describe public health roles, including their level of participation, in emergency response for a range of contingencies that might arise.</p>	<p>Yes _____ No _____ (Unable to verify)</p>
<p>Specific Examples:</p>	
<p>2. The applicant participates in bioterrorism-related public health preparedness and response activities.</p>	<p>Yes _____ No _____ (Unable to verify)</p>
<p>Specific Examples:</p>	

<p>3. The applicant plans for disasters and public health emergencies, including planning for bioterrorism events.</p>	<p>Yes _____ No _____ (Unable to verify)</p>
<p>Specific Examples:</p>	
<p>4. The applicant applies principles and tools of emergency and disaster response management to public health emergencies, including bioterrorism events and threats.</p>	<p>Yes _____ No _____ (Unable to verify)</p>
<p>Specific Examples:</p>	
<p>5. The applicant applies principles and tools of emergency and disaster surveillance and assessment to public health emergencies, including bioterrorism events and threats.</p>	<p>Yes _____ No _____ (Unable to verify)</p>
<p>Specific Examples:</p>	

Competency Area: ENVIRONMENTAL HEALTH

The applicant has an in-depth understanding of and/or extensive experience with the principles, tools and process of community environmental health practice.

Thank you for agreeing to be an attester. Please confirm that the applicant has a high-level of competency in the area of *Environmental Health* by commenting on each competency listed below. If the applicant has provided specific examples, please regard them as suggestions, which you may use or edit. If you can verify that the applicant has sufficient experience in a particular competency, then select "Yes" for that competency and provide specific examples. If your experience with the applicant is not sufficient to verify the competency, then select "No." If you do not have enough space below, use a separate sheet of paper and note the competency area name and number for each example. Sign this sheet and any extra sheets used.

<p>1. The applicant recognizes environmental health issues in the community and identifies government and community organizations that are resources on environmental issues.</p>	<p>Yes _____ No _____ (Unable to verify)</p>
<p>Specific Examples:</p>	
<p>2. The applicant recognizes human health effects of environmental exposures in their community and identifies government and community organizations that are resources in environmental issues.</p>	<p>Yes _____ No _____ (Unable to verify)</p>
<p>Specific Examples:</p>	

<p>3. The applicant applies principles and tools of environmental risk assessment in completing a comprehensive quantitative risk assessment of potentially hazardous environmental and workplace settings.</p>	<p>Yes _____ No _____ (Unable to verify)</p>
<p>Specific Examples:</p>	
<p>4. The applicant applies principles and tools of environmental risk assessment in completing a comprehensive qualitative risk assessment, including onsite evaluations of potentially hazardous environmental and workplace settings.</p>	<p>Yes _____ No _____ (Unable to verify)</p>
<p>Specific Examples:</p>	
<p>5. The applicant applies principles and tools of effective risk communication in addressing community concerns about environmental hazards.</p>	<p>Yes _____ No _____ (Unable to verify)</p>
<p>Specific Examples:</p>	

Competency Area: APPLIED EPIDEMIOLOGY

The applicant has an in-depth understanding of and/or extensive experience with the principles, tools and applications of epidemiology and basic biostatistics to public health practice.

Thank you for agreeing to be an attester. Please confirm that the applicant has a high-level of competency in the area of *Applied Epidemiology* by commenting on each competency listed below. If the applicant has provided specific examples, please regard them as suggestions, which you may use or edit. If you can verify that the applicant has sufficient experience in a particular competency, then select "Yes" for that competency and provide specific examples. If your experience with the applicant is not sufficient to verify the competency, then select "No." If you do not have enough space below, use a separate sheet of paper and note the competency area name and number for each example. Sign this sheet and any extra sheets used.

<p>1. The applicant can describe key features and applications of descriptive and analytic epidemiology.</p>	<p>Yes _____ No _____ (Unable to verify)</p>
<p>Specific Examples:</p>	
<p>2. The applicant can calculate and interpret ratios, proportions, incidence rates, mortality rates, prevalence and years of potential life lost.</p>	<p>Yes _____ No _____ (Unable to verify)</p>
<p>Specific Examples:</p>	

<p>3. The applicant can calculate and interpret means, medians, modes, ranges, variance, standard deviations and confidence intervals.</p>	<p>Yes _____ No _____ (Unable to verify)</p>
<p>Specific Examples:</p>	
<p>4. The applicant can prepare and apply tables, graphs and charts such as arithmetic scales, lines, scatter diagrams, pie charts and box plots.</p>	<p>Yes _____ No _____ (Unable to verify)</p>
<p>Specific Examples:</p>	
<p>5. The applicant can describe the processes, uses and evaluation of public health surveillance.</p>	<p>Yes _____ No _____ (Unable to verify)</p>
<p>Specific Examples:</p>	

Competency: INFECTIOUS DISEASE PREPAREDNESS & RESPONSE

The applicant has an in-depth understanding of and/or extensive experience with the principles, tools and process of infectious disease preparedness, prevention and control.

Thank you for agreeing to be an attester. Please confirm that the applicant has a high-level of competency in the area of *Infectious Disease Preparedness & Response* by commenting on each competency listed below. If the applicant has provided specific examples, please regard them as suggestions, which you may use or edit. If you can verify that the applicant has sufficient experience in a particular competency, then select "Yes" for that competency and provide specific examples. If your experience with the applicant is not sufficient to verify the competency, then select "No." If you do not have enough space below, use a separate sheet of paper and note the competency area name and number for each example. Sign this sheet and any extra sheets used.

<p>1. The applicant can describe infectious disease preparedness, prevention and control in public health.</p>	<p>Yes _____ No _____ (Unable to verify)</p>
<p>Specific Examples:</p>	
<p>2. The applicant can apply principles and tools of infectious disease control to vaccine preventable infectious diseases.</p>	<p>Yes _____ No _____ (Unable to verify)</p>
<p>Specific Examples:</p>	

<p>3. The applicant can identify smallpox infections from signs, clinical history and other evidence, and collect timely data for prevention and control of an outbreak.</p>	<p>Yes _____ No _____ (Unable to verify)</p>
<p>Specific Examples:</p>	
<p>4. The applicant can identify anthrax infections from signs, clinical history and other evidence, and collect timely data for prevention and control of al outbreak.</p>	<p>Yes _____ No _____ (Unable to verify)</p>
<p>Specific Examples:</p>	
<p>5. The applicant can identify Category A, B, and C biological agents (other than smallpox and anthrax) and their unique characteristics and relevance to bioterrorism events and threats, from signs, clinical history and other evidence, and collect timely data for prevention and control of an outbreak.</p>	<p>Yes _____ No _____ (Unable to verify)</p>
<p>Specific Examples:</p>	

ACADEMIC EVIDENCE FORMS

INSTRUCTIONS FOR DOCUMENTING ACADEMIC OR CONTINUING EDUCATION (CE) AND/OR TRAINING EVIDENCE

1. If using ONLY academic evidence for a Competency Area, list at least 45 contact hours of graduate level courses and upper level undergraduate courses. Where a sufficient number of formal academic courses/contact hours are not available to substantiate the competencies in any given area, CE courses/training activities and the related number of contact hours can be included. To calculate contact hours for courses: 1 semester hour = 15 contact hours; 1 quarter hour = 10 contact hours. For CE and/or training activities: contact hours = actual contact hours in learning/training, excluding meals and breaks.
2. If using academic evidence as a supplement to or in combination with experiential evidence, then the applicant should use their judgment regarding what courses and/or CE information would really support a specific competency area. The information should provide evidence that the applicant has acquired a level of knowledge from the courses/CE activities that would contribute to their ability to discuss and/or demonstrate the competency for which the information is submitted. Also, where academic evidence is being used ONLY as a supplement to experiential evidence and to support a specific competency, then the minimum 45 contact hours per Competency Area does not apply.
3. Provide transcripts for all academic courses being used as evidence to fulfill the competency. In the transcript, clearly mark or highlight those courses.
4. When using evidence of academic coursework, course descriptions (such as those from a syllabus) must be submitted (either through mail or in the description box provided) in order to provide some detail on the content of the course. When course descriptions from a syllabus or other document are mailed in, please highlight those courses being used as evidence to fulfill the competency. This information will be valuable in showing the relevance of course content to the competency.
5. When using evidence of CE and/or training, provide documents (such as certificates of completion) that note the names of the CE and/or training activities, actual contact hours and dates of attendance. If contact hours are not provided on the certificate, then provide a copy of the page from the program or agenda that would confirm the contact hours for the activity. Please clearly mark which Competency Area the documentation is being used for.

Please Note: Many courses taken for an MPH degree will satisfy competency requirements however, the degree itself may not satisfy them all.

Competency Area: PUBLIC HEALTH PRACTICE

The applicant has an in-depth understanding of and/or extensive experience with the basic principles, tools and processes of public health practice, in terms of working with and through the various institutions, organizations, and individuals that contribute to carrying out public health's core functions and essential services in the community.

	Courses/Cont Educ	Contact Hours
1. Describe public health as a system, including its unique and important features, to general audiences.	_____ _____ _____	_____ _____ _____
2. Apply measures of population health and illness, including risk factors, to community health improvement initiatives.	_____ _____ _____	_____ _____ _____
3. Identify and distinguish public health and prevention strategies from curative strategies for prevalent health problems.	_____ _____ _____	_____ _____ _____
4. Describe the role of law and government in promoting and protecting the health of the public and identify specific functions and roles of governmental public health agencies in assuring population health.	_____ _____ _____	_____ _____ _____
5. Identify and explain how various organizations, positions and roles contribute to carrying out public health's core functions and essential services.	_____ _____ _____	_____ _____ _____
6. Identify, measure, and assess the components of the public health infrastructure.	_____ _____ _____	_____ _____ _____
7. Apply principles derived from the basic public health sciences to planning, implementing, and evaluating public health interventions.	_____ _____ _____	_____ _____ _____

Competency Area: COMMUNITY HEALTH ASSESSMENT

The applicant has an in-depth understanding of and/or extensive experience with the basic principles, tools, and methods of community health improvement processes.

	Courses/Cont Educ	Contact Hours
1. Describe assessment in public health, including its unique and important features, to general audiences.	_____ _____ _____	_____ _____ _____
2. Obtain, apply, and interpret measures of population health status that are commonly used in community health improvement processes.	_____ _____ _____	_____ _____ _____
3. Obtain, apply, and interpret measures of community capacity that are commonly used in community health improvement processes.	_____ _____ _____	_____ _____ _____
4. Obtain, apply, and interpret qualitative measures of community health that are commonly used in community health improvement processes.	_____ _____ _____	_____ _____ _____
5. Develop and apply a logic model demonstrating interrelationships among risk and protective factors for population health that are commonly used in community health improvement processes.	_____ _____ _____	_____ _____ _____
6. Utilize research, evaluation, and strategic planning tools commonly used in community health improvement processes and apply the results of these activities in deciding on an appropriate course of action.	_____ _____ _____	_____ _____ _____
7. Identify and apply principles for community engagement and participation in community health improvement processes.	_____ _____ _____	_____ _____ _____

Competency Area: PUBLIC HEALTH POLICY, ADVOCACY & LAW

The applicant has an in-depth understanding of and/or extensive experience with the basic principles, tools, and processes for policy development, advocacy and law in public health.

	Courses/Cont Educ	Contact Hours
1. Describe advocacy and policy development in public health, including its unique and important features, to general audiences.	_____ _____ _____	_____ _____ _____
2. Identify and apply theories and approaches that drive public health policy-making for important public health issues.	_____ _____ _____	_____ _____ _____
3. Apply advocacy and agenda-setting principles to formulate public health policy.	_____ _____ _____	_____ _____ _____
4. Apply principles of public health law and its legislative processes to formulate and implement public health policy.	_____ _____ _____	_____ _____ _____
5. Apply principles of public health law and its regulatory processes to implement public health policy.	_____ _____ _____	_____ _____ _____
6. Apply principles of public health law and its operational processes to implement public health policy.	_____ _____ _____	_____ _____ _____
7. Understand the process of implementing and managing policy to achieve desired outcomes.	_____ _____ _____	_____ _____ _____

Competency Area: PROGRAM DEVELOPMENT & EVALUATION

The applicant has an in-depth understanding of and/or extensive experience with the principles, tools, and processes for developing and evaluating public health programs.

	Courses/Cont Educ	Contact Hours
1. Describe program development and evaluation in public health, including its unique and important features, to general audiences.	_____ _____ _____	_____ _____ _____
2. Plan a public health program.	_____ _____ _____	_____ _____ _____
3. Develop a public health program.	_____ _____ _____	_____ _____ _____
4. Implement a public health program.	_____ _____ _____	_____ _____ _____
5. Design and evaluate a public health program.	_____ _____ _____	_____ _____ _____
6. Evaluate outcome and cost implications of public health programs.	_____ _____ _____	_____ _____ _____
7. Evaluate the impact of public health programs on different populations and cultures and use evaluation results to make evidence-based program decisions.	_____ _____ _____	_____ _____ _____

Competency Area: PUBLIC HEALTH EMERGENCY PREPAREDNESS & RESPONSE

The applicant has an in-depth understanding of and/or extensive experience with the principles, tools and processes for preparedness and response to public health emergencies, including bioterrorism events and threats.

	Courses/Cont Educ	Contact Hours
1. Describe public health roles, including their own level of participation, in emergency and disaster preparedness and response activities.	_____ _____ _____	_____ _____ _____
2. Participate in bioterrorism-related public health preparedness and response activities.	_____ _____ _____	_____ _____ _____
3. Plan for disasters and public health emergencies, including bioterrorism events and threats.	_____ _____ _____	_____ _____ _____
4. Apply principles and tools of emergency and disaster response management to public health emergencies, including bioterrorism events and threats.	_____ _____ _____	_____ _____ _____
5. Apply principles and tools of emergency and disaster surveillance and assessment to public health emergencies, including bioterrorism events and threats.	_____ _____ _____	_____ _____ _____
6. Apply principles and tools of emergency and disaster recovery and evaluation to public health emergencies, including bioterrorism events and threats.	_____ _____ _____	_____ _____ _____
7. Apply risk communication principles and tools to public health emergencies, including bioterrorism events and threats.	_____ _____ _____	_____ _____ _____

Competency Area: ENVIRONMENTAL HEALTH

The applicant has an in-depth understanding of and/or extensive experience with the principles, tools and process of community environmental health practice.

	Courses/Cont Educ	Contact Hours
1. Recognize environmental health issues in the community and identify government and community organizations that are resources on environmental issues.	_____ _____ _____	_____ _____ _____
2. Recognize human health effects of environmental exposures in their community and identify government and community organizations that are resources in environmental issues.	_____ _____ _____	_____ _____ _____
3. Apply principles and tools of environmental risk assessment in completing a comprehensive quantitative risk assessment of potentially hazardous environmental and workplace settings.	_____ _____ _____	_____ _____ _____
4. Apply principles and tools of environmental risk assessment in completing a comprehensive qualitative risk assessment, including onsite evaluations, of potentially hazardous environmental and workplace settings.	_____ _____ _____	_____ _____ _____
5. Apply principles and tools of effective risk communication in addressing community concerns about environmental hazards.	_____ _____ _____	_____ _____ _____
6. Apply principles and tools of quantitative exposure assessment in addressing community concerns about environmental hazards.	_____ _____ _____	_____ _____ _____
7. Apply principles and tools of environmental prevention and control program development in addressing community concerns about environmental hazards.	_____ _____ _____	_____ _____ _____

Competency Area: APPLIED EPIDEMIOLOGY

The applicant has an in-depth understanding of and/or extensive experience with the principles, tools and applications of epidemiology and basic biostatistics to public health practice.

	Courses/Cont Educ	Contact Hours
1. Describe key features and applications of descriptive and analytic epidemiology.	_____ _____ _____	_____ _____ _____
2. Calculate and interpret ratios, proportions, incidence rates, mortality rates, prevalence and years of potential life lost.	_____ _____ _____	_____ _____ _____
3. Calculate and interpret means, medians, modes, ranges, variance, standard deviations and confidence intervals.	_____ _____ _____	_____ _____ _____
4. Prepare and apply tables, graphs and charts such as arithmetic scales, lines, scatter diagrams, pie charts and box plots.	_____ _____ _____	_____ _____ _____
5. Describe the processes, uses and evaluation of public health surveillance.	_____ _____ _____	_____ _____ _____
6. Participate in the various steps involved in an outbreak investigation.	_____ _____ _____	_____ _____ _____

Competency Area: INFECTIOUS DISEASE PREPAREDNESS & RESPONSE

The applicant has an in-depth understanding of and/or extensive experience with the principles, tools and process of infectious disease preparedness, prevention and control.

	Courses/Cont Educ	Contact Hours
1. Describe infectious disease preparedness, prevention and control in public health.	_____ _____ _____	_____ _____ _____
2. Apply principles and tools of infectious disease control to vaccine preventable infectious diseases.	_____ _____ _____	_____ _____ _____
3. Identify smallpox infections from signs, clinical history and other evidence, and collect timely data for prevention and control of an outbreak.	_____ _____ _____	_____ _____ _____
4. Identify anthrax infections from signs, clinical history and other evidence, and collect timely data for prevention and control of an outbreak.	_____ _____ _____	_____ _____ _____
5. Identify Category A, B, and C biological agents (other than smallpox and anthrax) and their unique characteristics and relevance to bioterrorism events and threats, from signs, clinical history and other evidence, and collect timely data for prevention and control of an outbreak.	_____ _____ _____	_____ _____ _____
6. Identify emerging infections from signs, clinical history and other evidence, and collect timely data for prevention and control of an outbreak.	_____ _____ _____	_____ _____ _____

Supplemental Information

Supplemental Information