BLOODBORNE PATHOGENS AND HIV/AIDS TRAINING FOR CHILD CARE PROFESSIONALS

Successful Solutions Professional Development LLC

ECE Virtual Classroom
Online Courses for Early Childhood Educators

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Bloodborne Pathogens and HIV/AIDS Training for Child Care Professionals
2 clock hours early childhood education

This course should be supplemented with worksite specific training, include an Exposure Control Plan that details the steps your facility will take to protect employees (see CDC website) .
Sample Exposure Control Plan for Employers; OSHA,
https://www.osha.gov/OshDoc/Directive_pdf/CPL_2-2_69_APPD.pdf

Course Description
Professionals who work in close conditions with others who may experience injuries or have exposed bodily fluids need to be aware of blood borne pathogens and HIV/AIDS. Using standard precautions for safety and to cut down the risk of exposure gives the safest and most effective protection to prevent transmission. In addition to these precautions this course provides information pursuant to WAC 170-295-1110 for Washington regulations.

- **Washington STARS Credit: This course does not award STARS credit**
- **CDA Content Area: Planning a Safe and Healthy Learning Environment (2 hours)**

CDA Settings
- Infant/Toddler
- Preschool
- Family Child Care (Mixed-Age)

Learning Outcomes
This course will provide the information needed to protect yourself, students and your family. However, it will mean little if these instructions are not followed rigorously on a daily basis. Making the excuse of "just this once," "I was in a hurry," "I didn't have the correct supplies," could cause you to become ill and possibly become infected with something that might take your life; or spread a disease to a vulnerable child or adult. This language may seem harsh, but the goal is to prepare and support your health as you work with children and their families.
This course meets the training requirements for HIV/AIDS and Bloodborne Pathogens.
WAC 170-295-1110 - Washington Regulations

- Every employee who is included in the staff to child ratio must have written proof of HIV/AIDS and blood-borne pathogen training that includes prevention, transmission, treatment and confidentiality issues.

Course Content

1. Course Agenda
2. Purposes for Protection
3. Bloodborne Pathogens
4. Transmission of Germs
5. Hepatitis B
6. Hepatitis C
7. Hepatitis (1/5)
8. Human Immunodeficiency Virus (HIV)
9. HIV/AIDS Awareness (2/5)
10. Bloodborne Risks in Child Care Settings
11. Bloodborne Pathogens (3/5)
12. Universal and Standard Precautions
13. Proper Handwashing
14. Personal Protective Equipment
15. Gloves
16. Personal Protective Gear (PPE)
17. Cleaning
18. Sanitizing versus Disinfecting
19. Using Bleach-Water
20. Disinfecting, Sanitizing, and Cleaning
21. Cleaning up Bodily Fluids
22. Safety Considerations
23. Universal and Standard Precautions (4/5)
24. Reactions to Exposure
25. Reviewing Bloodborne Pathogens
26. Final Quiz

Sources

1. UW School of Medicine, *BLOOD-BORNE PATHOGENS POLICY*, https://www.uwmedicine.org/education/Documents/md-program/Blood-borne-Pathogens-Policy.pdf
2. King County Department of Health, *Communicable disease prevention and control*, https://www.kingcounty.gov/depts/health/child-teen-health/child-care-health/disease-prevention.aspx
3. OSHA, *Blood Borne Pathogens*, https://www.osha.gov/dte/grant_materials/fy09/sh-18796-09/bloodbornepathogens.pdf
4. Centers for Disease Control, *Bloodborne Infectious Diseases*, https://www.cdc.gov/niosh/topics/bbp/genres.html

5. The National Institute of Diabetes and Digestive and Kidney Diseases Health Information Center, *Hepatitis C*, https://www.niddk.nih.gov/health-information/liver-disease/viral-hepatitis/hepatitis-c
6. Sharps MD Incorporated, *SHARPS CONTAINERS, SHARPS DISPOSAL RESOURCES*, http://www.sharpscontainers.org/
7. HIV.gov, *What Are HIV and AIDS?,* https://www.hiv.gov/hiv-basics/overview/about-hiv-and-aids/what-are-hiv-and-aids
8. Oregon Health Authority, *Routes of Transmission,* http://www.oregon.gov/oha/PH/DISEASESCONDITIONS/COMMUNICABLEDISEASE/Pages/transmission.aspx
9. OSHA, *OSHA's Bloodborne Pathogens Standard,* https://www.osha.gov/OshDoc/data_BloodborneFacts/bbfact01.pdf
10. United States Environmental Protection Agency, *Selected EPA-registered Disinfectants*, https://www.epa.gov/pesticide-registration/selected-epa-registered-disinfectants

Glossary of Terms

Bloodborne pathogens
Microorganisms in human blood that can cause disease in humans. These pathogens include, but are not limited to, hepatitis B (HBV), hepatitis C (HCV) and human immunodeficiency virus (HIV). Needlesticks and other sharps-related injuries may expose workers to bloodborne pathogens.

Bodily fluids
Fluids that come from a person's body that may contain a blood borne pathogen and pose a risk to others. These fluids can include blood, cerebrospinal fluid, amniotic fluid, semen, vaginal secretions, any combination of bodily fluids, and bodily fluid (or combination of fluids) that is visibly contaminated with blood.

Clean
To remove dirt or debris from a surface or object

Communicable disease
An infectious disease transmissible (as from person to person) by direct contact with an affected individual

Disinfect
Clean (something), especially with a chemical, in order to destroy bacteria.

Exclusion

Exclusion is another word for sending a child home from child care. Children are excluded until they are considered healthy enough to return.

Exposure control plan

When an employer with staff who are at risk of exposure to blood borne pathogens creates a plan to reduce the likelihood of exposure should an event occur. This is often a specific set of protocol to follow and report the incident.

Exposure incident

When a person has the potential for direct exposure to blood borne pathogens as a result of an injury or incident where there is exposure to infectious material. This can include, but is not limited to, a cut or scrape or other incident where the skin is penetrated. It may also be due to a different incident where a person comes into contact with another person's bodily fluids, tissues, or membranes.

Fecal matter

Solid human waste or the product of a bowel movement.

Fecal-oral route

When the disease spreads through the fecal-oral route, it means that contaminated feces from an infected person are somehow ingested by another person.

Hand sanitizer

Alcohol-based hand sanitizer is an alternative to soap and water when sinks are not available. The sanitizer can be a liquid, gel, or foam, but it should contain at least 60% alcohol.

Jaundice

When the skin or eyes turn a yellow color. This occurs when the liver does not metabolize bilirubin (a yellow pigment that is the byproduct of old cells degenerating) properly. Instead the bilirubin is unable to be removed from the body and the yellow pigment is visible.

Occupational exposure

reasonably anticipated skin, eye, mucous membrane, or parenteral contact with blood or other potentially infectious materials that may result from the performance of an employee's duties (OSHA, 2013a). According to OSHA, this includes "reasonably anticipated skin, eye, mucous membrane, or parenteral contact with blood or other potentially infectious materials that may result from the performance of an employee's duties."

Other potential infectious materials
Refer to bodily fluids, mucus, fecal matter, urine, etc. that may contain blood borne pathogens.

Personal protective equipment (PPE)
Equipment that is used to protect oneself from potential exposure to blood borne pathogens. This includes gloves, aprons, smocks, coveralls and more.

Sanitize
To reduce the germs on a surface or object so it meets health guidelines.

Source individual
Refers to an individual who carries the blood borne pathogens in their bodily fluids.

Standard Precautions or Universal Precautions
The CDC's recommended steps you should take any time you come into contact with blood or body fluids to prevent the spread of disease.

Vaccination
Vaccination is the administration of antigenic material (a vaccine) to stimulate an individual's immune system to develop adaptive immunity to a pathogen.

Optional Resources for Further Study
- Standard and Universal Precautions in the Child Care Setting by the California Child Care Health Program, https://cchp.ucsf.edu/sites/cchp.ucsf.edu/files/standardprecen020305_adr.pdf
- Standard Precautions for All Patient Care by The Centers for Disease Control, https://www.cdc.gov/infectioncontrol/basics/standard-precautions.html
- Coverage of child care workers under scope of occupational exposure to blood borne pathogens OSHA, https://www.osha.gov/laws-regs/standardinterpretations/1992-07-21
- DIRECT AND INDIRECT DISEASE TRANSMISSION by Delaware Health and Social Services Division of Public Health, http://dhss.delaware.gov/dph/files/directindtranspi.pdf
- Routes of Transmission by The Oregon Health Authority, https://www.oregon.gov/oha/PH/DISEASESCONDITIONS/COMMUNICABLEDISEASE/Pages/transmission.aspx
- The Ways Infectious Diseases Spread Government of South Australia, http://www.timeforkids.com.au/wp-content/uploads/2014/07/1-ways-infectious-diseases-spread.pdf

- How blood-borne viruses are spread by the Health and Safety Executive in Great Britain, http://www.hse.gov.uk/biosafety/blood-borne-viruses/spread.htm
- Activities Combating HIV Stigma and Discrimination by the U.S. Department of Health & Human Services and supported by the Secretary's Minority AIDS Initiative Fund (SMAIF), https://www.hiv.gov/federal-response/federal-activities-agencies/activities-combating-hiv-stigma-and-discrimination
- HIV/Aids in Childcare by Nationwide Children's Hospital, https://www.nationwidechildrens.org/family-resources-education/health-wellness-and-safety-resources/helping-hands/hiv-aids-in-childcare
- Prevent and protect: Linking the HIV and child protection response to keep children safe, healthy & resilient by UNICEF, https://www.childrenandaids.org/sites/default/files/2017-05/HIV-Child-Protection-Report-April-2015.pdf
- FEMA YouTube Channel, https://www.youtube.com/user/FEMA/featured
- Exposure to Blood and/or Body Fluids New York State Department of Health, https://www.health.ny.gov/professionals/ems/policy/99-06.htm

Course Author

The learning outcomes for this course have been reviewed and updated by Aurora Tollestrup, BS Ed. Aurora is a full time Coordinator of Online Learning and Instructional Technology with Successful Solutions Training in Child Development. She is also an approved PD Specialists. She can be found in the PD Specialist search on the CDA Council website under Port Orchard, WA.

This topic has been collaboratively created, organized, and developed by our team of trainers, educators, administrators and specialists. We strive to maintain high quality online training methods while adhering to state standards for adult learning and meeting the needs of our students.

ECE Virtual Classroom Academic Coach

The Virtual Classroom Academic Coach's role is to support the ECE students through the training process. The Virtual Classroom Academic Coach reviews assignment per directions, monitors discussion threads, answers inquiries/emails, monitors student engagement, provides online student support, and regularly collaborates with team members on development. The Virtual Classroom Academic Coach serves as the facilitator and grader, while the Online Educators are the official state approved trainers.

Student Support

The best way to reach us is through live student support chat. Look for the Chat with Us bubble on the bottom left corner of the website.

Website: www.myececlass-safety.com
E-mail: info@myececlass.com
Phone: (360) 602-0960

Student Support Hours

Chat & Email Support
Monday - Friday	7 am – 6 pm
Saturday & Sunday	9 am – 6 pm
Holidays (Email Only)	10 am – 4 pm

Phone Support
Monday - Friday	7 am – 6 pm

Required Assignments

Reading
The text on each page should be read. When you submit the worksheets, discussion boards, and click on the NEXT PAGE button, it will create a record of your progress moving through each page.

Videos
Watch the videos as you encounter them. If you have trouble with the videos playing, this may require that you update flash player on your computer. Optionally, some students find that if they are having difficulties playing the videos on their computer, they can view them on their phone. There is a link above the videos to view them on YouTube directly. You may wish to save the Youtube link for the video to refer to in the future, or in order to use another device for viewing.

Discussion
The discussion questions are a required part of the course. You may either post on the discussion board where you are contributing to the thread with other students. Alternately, you have the option of clicking on the link above the discussion board and submitting your

response on a worksheet form. The ECE Virtual Classroom Coach will be tracking your submission of the discussion board assignments as part of meeting the learning outcomes for the course.

Worksheets

Check for Understanding worksheets are provided throughout each course. The worksheets allow opportunities to reflect on the course materials as you are progressing through the training. Watch your email in-box for trainer feedback. You may not receive feedback for every single assignment, depending on how quickly you are moving through the course. Instead, you may receive an email letting you know that your work was done well, with a certificate attached. If you need guidance, the trainer or the academic coach will be sending you emails with feedback with instructions for resubmission. Certificates will not be issued if worksheets are skipped, incomplete, or filled in with inappropriate responses.

If you need assistance, we have student support available via Live Student Support Chat 7 days a week (Mon.-Fri. 7 am-8 pm and Sat.-Sun. 9am-6pm PST).

Quizzes

The end of course quizzes are primarily multiple choice and true or false questions, with occasional open-ended questions. 70% or better is required to pass the quiz. You can review the course materials and retake the quiz as many times as needed to pass. Automated emails are sent to you confirming that you have submitted the worksheets and quizzes and provide you with a link to resume at the next page.

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Optional Course Items

The items below are offered in each course as options. Optional means that you have the choice to utilize them, or not.

Optional Resources for Further Study

We have included a wealth of resource links for you to explore and further your knowledge about each topic.

The resource links provided in our website are provided solely for your convenience and may assist you in locating other useful information on the Internet. When you click on these links you will leave our website

and will be redirected to another website. These websites are not under the control of Successful Solutions Training in Child Development. Successful Solutions Training in Child Development is not responsible for the content of linked third party websites. We are not affiliated with these third parties nor do we endorse or guarantee their products, services, website content, etc. We make no representation or warranty regarding the accuracy of the information contained in the linked websites. We suggest that you always verify the information obtained from linked websites before acting upon this information.

Parking Lot

The Parking Lot is offered as an optional opportunity to interact with the trainer about a question that you may have about the course topic. If you do not have a question, it is not necessary to fill out this form, it is not required. If you choose to submit a question to the trainer, she will respond to you by email. Be sure to watch your email in-box.

You can always leave a message for student support on our Live Chat on the bottom left corner of the website, any time of day or night. If we are not available, we will respond by email as soon as possible.

Certificates

When you submit the evaluation form, that prompts the academic coach to review all of your work. We will evaluate your work to assure that you have met the learning outcomes. Once that assessment is complete, you will receive your certificate by email. Click Here for a sample certificate. (This certificate is an example. The student certificate may vary slightly). Certificates are prepared 7 days a week between 7 am and 7 pm PST. In most cases, you should receive your certificate by email within a few hours after you submit the evaluation form, or first thing the next morning.

State Training Approval

This training may, or may not, meet annual training requirements in your state. Please provide us with your state, and any State registry ID number on the evaluation form, and if we are able to record your completed training with your state, we will. In some cases, for annual state credit, you will need to submit the certificate to the appropriate registry and they may or may not award annual credit. Providing a State Registry number to us does not guarantee that your state will approve the training for annual continuing education credit.

The following states have *pre-approved* our courses:
- Washington State DEL MERIT Trainer: *Aurora Tollestrup STARS ID 4070153592*

- Louisiana Pathway: *Aurora Tollestrup Trainer Number IND-001526*
- Texas: *Aurora Tollestrup Trainer Number 13257*
- Illinois - *Organization Approval Number B102312 (Successful Solutions Prof. Dev.)*
- Colorado Early Childhood: *Aurora Tollestrup Approved Trainer number 547*
- NewMexicoKids Trainer Registry Master Trainer: *Aurora Tollestrup*
- Minnesota Level 2 Trainer: *Aurora Tollestrup*
- Wyoming: *Aurora Tollestrup STARS Trainer ID 4563*
- Ohio (*Aurora Tollestrup OPIN # 1118-074*) * (*Entity OIN # 21084413*)
- North Carolina - Organization approval *(Successful Solutions Prof. Dev.)*
- Utah - Organization approval for Online Career Ladder Courses *(Successful Solutions)*
- Vermont - Organization Approval *(Successful Solutions Prof. Dev.)*
- Arkansas: *Aurora Tollestrup - Intermediate Level Trainer #27540*

Our courses may be accepted many states that do not require pre-approval.

Technical Requirements

- Laptop or PC
- Most students are able to use mobile devices such as tablets to complete courses. However, each device is different, and an individual's skill level with the device may determine their success with using a mobile device.
- Recommended web browser: Google Chrome
    - Microsoft Edge, Safari and Firefox are other acceptable browsers.
    - Internet Explorer is no longer supported by Microsoft, and you may have issues if you use it to take training.
- Operating System
    - Make sure you're using a current operating system (for example, Windows 10).
    - Outdated operating systems may cause technical difficulties.
- Internet Speed
    - Slow internet speed may impact loading time.
- Videos may require Adobe Flash Player.

Adobe Reader is required to open PDF files. Download Adobe Reader can be downloaded free
https://acrobat.adobe.com/us/en/acrobat/pdf-reader.html