

The Brain and the Disease of Addiction (BDA) Course – 2.0 CE Credits



Course Overview

In this course, you will learn about the disease of addiction by looking at how the brain is affected from substances such as drugs and alcohol and how the disease of addiction develops.

This course is for individuals, parents, students, healthcare professionals and groups and organizations who will benefit from an understanding and knowledge of the science of the disease of addiction.

What You Will Learn

Acquire: A foundational understanding of how the brain is affected from substances such as drugs and alcohol.

Learn: How the disease of addiction develops.

Understand: Brain neuroplasticity and how through treatment and recovery the brain can change/reset.

What People Are Saying

"This course allowed me to truly understand the science behind the disease, which allowed me to really grasp addiction in terms of a disease rather than a moral failing."

"I developed a better understanding of how illicit drugs affect the brain and why it is so difficult to actually recover."

"I have developed a basic understanding of addiction and will be able to articulate this information to classes of middle school students and college students, in the near future. I also have a greater understanding of terminology used to describe patterns of addiction."

"I particularly found the discussion surrounding brain chemistry and the evidence-based science behind addiction very helpful and beneficial. "

"I never really understood the science behind addiction, but now I feel that I have more understanding and compassion for those who struggle with the disease of addiction. It was also beneficial to learn how drugs effect the brain, how the brain reacts to drugs and its release of dopamine."

"I learned how important it is to realize just how hard it is to stop your addiction - and, therefore, not to give up on people when they have to try over and over again, and to encourage the user to keep trying and not to expect the first or second or umpteenth time to be successful."



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Course Outline

- I. Addiction/Substance Use Disorder Historical View
- II. Definition of Addiction
 - A. ASAM - Detailed
 - B. Brief
- III. Number of Americans Affected, Treatment Gap, Barriers, and Recommendations
- IV. Cause and Risk Factors
- V. Effects on the Brain
 - A. Regions of the Brain Functions
 - B. Limbic System and the Reward Pathway
 - C. Dopamine and Neurotransmitters
 - D. Reliance, Tolerance and Self Control
 - E. Brain is Rewired
 - F. Effect on the Survival Hierarchy
 - G. Putting it all Together
- VI. Withdrawal
- VII. Relapse
- VIII. Neuroplasticity – The Brain’s Ability to Change/Reset
- IX. Drug Classifications
- IX. Activity (online)
- X. End Notes and Resources

Online CE Course

2.0 CE credits, \$30/person

Online, self-paced continuing education

- Fulfill educational requirements
- Learn at your own pace
- Earn CE credits and certificate upon completion

Prerequisites

None. We recommend you consider “The Opioid Public Health Crisis” — 3.0 CE Credits (\$45.00) for a working understanding of modern substance use disorder.

On-Site & Live Web Training

On-site and live online training, available for groups of five or more. Contact us for more information and a custom quote.

Trainer Course

Get certified to deliver the course within your community. Trainer, training is conducted via the web. Program materials are provided for on-site and webinar settings.

Fees: \$225/person

One prerequisite course, program training, and trainer's kit

Annual Program License: \$400/per group

Access for one or more trainers within an organization to use the trainer materials.

Course Reviewers

The course material has been reviewed by subject matter expert: Rob Atchison, Ph.D., LMFT, NCC, AAMFT Approved Supervisor, Assistant Professor of Graduate Counseling, Director of Clinical Training, INDIANA WESLEYAN UNIVERSITY, Indianapolis, IN.

CE Credit and Certificate Program

In partnership with Purdue University College of Pharmacy, Office of Continuing Education, Overdose Lifeline has developed layperson and clinician CE courses and 20 credit professional certificate program on Addiction / Substance Use Disorder with an Opioid Specialization.

The course meets the following CE accreditations: Accreditation Council for Pharmacy Education (ACPE), Accreditation Council for Continuing Medical Education (ACCME), American Nurses Credentialing Center (ANCC), and Other, AMA PRA Category 1 Credit(s)[™] (ACCME) which will service all other clinical and layperson credits.

Law Enforcement accreditation: As an approved Law Enforcement Training Board training provider (#47-1333720), Overdose Lifeline online training courses meet annual in-service training requirements for Indiana Law Enforcement officers and support personnel.

