

The Brain and the Disease of Addiction Course



Course Description

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 are will benefit from an understanding and knowledge of the science of the disease of addiction.

What You Will Learn

You will acquire a foundational understanding of how the brain is affected from substances such as drugs and alcohol. How the disease of addiction develops. An understanding of brain neuroplasticity and how through treatment and recovery the brain can change/reset.

Pre-Requisite

There are no pre-requisites for this course.

Certificate of Completion

This course includes a "Certificate of Completion" delivered upon achievement of 80% minimum passing grade on the final exam.

Training Options

On-Demand, self-directed online course with certificate of completion.

On site and Live Online Training is available for groups of five or more. Please contact training@overdose-lifeline.org for information and a custom quote.

Individual Course Pricing

The Brain and the Disease of Addiction Course with certificate of completion. \$15/Individual

Optional Course Kit: \$30/kit
Printed course materials, 50 pages

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

