

# COURSE DESCRIPTION

<b>COURSE TITLE:</b>	<i>DRUGS, BRAINS, AND BEHAVIOR: THE SCIENCE OF ADDICTION</i>
<b>SUBJECT/CONTENT/ SKILLS:</b>	THE SCIENCE OF ADDICTION
<b>OHIO CONTENT AREAS:</b>	PREVENTION P2 CHEMICAL DEPENDENCY C1
<b>COURSE FORMAT:</b>	ONLINE COURSE; DIGITAL WORKBOOK/ ONLINE TEST & COURSE EVALUATION/ INSTANT TEST SCORES/DOWNLOADABLE COMPLETION CERTIFICATE
<b>INTENDED AUDIENCE:</b>	THIS COURSE IS APPROPRIATE FOR PRACTITIONERS OF ALL LEVELS AND IS APPLICABLE WITHIN VARIOUS PROFESSIONAL SPECIALTIES ADDICTION, MENTAL HEALTH, ETC. AND SETTINGS CLINICS, SHELTERS, JAILS, ETC.
<b>CE HOURS:</b>	2
<b>COST INITIAL/RENEWAL:</b>	\$20/\$10
<b>NUMBER OF PAGES: INCLUDING INTRO MATERIALS</b>	49
<b>NUMBER OF POST-TEST QUESTIONS:</b>	25

**COURSE MATERIAL PUBLISHED BY:** National Institute On Drug Abuse;  
National Institutes Of Health; U.S. Department Of Health And Human  
Services.

## **CE MATERIALS (PRETEST, POSTTEST, ETC.) CREATED BY:**

Kelly Sinclair-McClintock, MA, LICDC-CS, MCAP

Kelly has spent the better part of her career working with a criminal population, often within the walls of the jail system, and oddly enough has loved every moment of it. Kelly says, "it's easy to enjoy being institutionalized-when you have the keys to the joint"! So true.

Since 2005, she has served as the CEO of Project Solutions, a social service organization that provides counseling services to a criminal population. Kelly has authored numerous professional training manuals and is a sought-after speaker/presenter.

## **EDUCATIONAL/ACHIEVEMENTS**

- AA/BS Degree Criminal Justice/Sociology
- Master of Arts Degree, Professional Counseling
- Licensed Independent Chemical Dependency Clinical Supervisor Ohio
- Certified Masters Addictions Professional Florida
- Find Your Strong Campaign [findyourstrong.info](http://findyourstrong.info)
- Graduate Leadership Stark County, 18<sup>th</sup> Class
- Commendations Stark County Jail Treatment Program 2006, 2010
- Recipient Bliss Scholarship Akron University, 1991
- Internship Capitol Hill, 1991

## **COURSE DESCRIPTION:**

\*In addition to courses created by our writing team, we also use government publications for continuing education. While these courses are much more "textbooky" than our original works, we carefully choose publications that are information-dense and contain material that will be especially helpful to

individuals seeking initial certification/licensure. After choosing the right publications, our writing team creates a user-friendly pretest/posttest and may attach additional insights to improve the learning experience. We have found that several organizations and government entities produce phenomenal publications that provide the knowledge (facts and figures) needed to pass state boards and keep skills sharp.

This National Institute on Drug Abuse (NIDA) publication outlines and discusses the science of addiction and includes information regarding prevention, drug misuse/addiction, drugs and the brain, effects of addiction on health, and treatment and recovery.

This course is applicable for professionals and practitioners of all levels. Course content applies to various client populations (i.e., addiction, mental health, etc.) and is relevant for services provided in a variety of settings (clinics, shelters, jails, etc.).

**GOAL:**

Participants will gain comprehensive knowledge regarding the science of addiction.

**OBJECTIVES:**

1. Participants will recognize, understand, and describe drug abuse prevention strategies and the importance of programming that targets youth.
2. Participants will recognize, understand and describe how drugs affect the body, brain, and overall health.
3. Participants will recognize, understand and describe treatment and recovery concepts to include common behavioral strategies and relapse prevention.

## **COURSE OUTLINE**

- I. Introduction Materials Tech Support, How it works, About the Author, Welcome, Disclaimers
- II. Pre-test
- III. Drug Misuse and Addiction
  - a. What is drug addiction?
  - b. Why do people take drugs?
  - c. If taking drugs makes people feel good, what's the problem?
  - d. Do people choose to keep using drugs?
  - e. Why do some people become addicted to drugs, while others do not?
- IV. Risk and protective factors for drug use, misuse, and addiction
  - a. Biological factors
  - b. Environmental factors
  - c. Other factors that increase the risk of addiction?
- V. Preventing drug misuse and addiction – the best strategy
  - a. Why is adolescence a critical time for preventing drug addiction?
  - b. Can research-based programs prevent drug addiction in youth?
  - c. How do research-based prevention programs work?
- VI. Drugs and the Brain
  - a. The human brain
  - b. How does the brain work?
  - c. How do drugs work in the brain?

- d. What parts of the brain are affected by drug use?
- e. How do drugs produce pleasure?

## VII. Addiction and Health

- a. What are the other health consequences of drug addiction?
- b. Does drug use cause other mental disorders or vice versa?
- c. How does addiction harm other people?

## VIII. Treatment and Recovery

- a. Can addiction be treated successfully?
- b. Can addiction be cured?
- c. Does relapse to drug use mean treatment has failed?
- d. What are the principles of effective treatment?
- e. What medications and devices help treat drug addiction?
- f. How do behavioral therapies treat drug addiction?

## IX. Advancing Addiction Science and Practical Solutions

- a. The search for scientific solutions
- b. Real-world settings
- c. Sharing free information
- d. NIDA's special initiatives

## X. Post Test

## XI. Course Evaluation/Survey