# COURSE SYLLABUS

<table>
<thead>
<tr>
<th>Course Title:</th>
<th>Biology of Addiction</th>
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<tbody>
<tr>
<td>Department:</td>
<td>Social Science</td>
</tr>
<tr>
<td>Curriculum:</td>
<td>DARC</td>
</tr>
<tr>
<td>Date submitted:</td>
<td>Fall 2013 (13-40)</td>
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## Course Descriptors:
Make certain that the course descriptors are consistent with college and Board of Trustees policies, and the current course numbering system.

### Course Code: (eg. ACC 101)
DAR*158

### Course Type:
D/L

- **A**: Clinical
- **B**: Lab
- **D**: Distance Learning
- **I**: Individual/Independent
- **L**: Lecture
- **N**: Internship
- **M**: Seminar
- **P**: Practicum
- **U**: Studio
- **X**: Combined Lecture/Lab
- **Y**: Combined Lecture/Clinical/Lab
- **Z**: Combined Lecture/Studio

### Elective Type:
G

- **AH**: Art History
- **E**: English
- **FA**: Fine Arts
- **G**: General
- **HI**: History
- **HU**: Humanities
- **LAS**: Liberal Arts
- **FL**: Foreign Language
- **M**: Math
- **S**: Science
- **SS**: Social Science

### Credit Hours: 3

### Developmental: (yes/no) No

### Lecture: 3

### Clinical: 0

### Lab: 0

### Studio: 0

### Other: 0

### TOTAL: 3

### Class Maximum: 25

### Semesters Offered: Spring

## Prerequisites:
- C- or better in Integrated Reading and Writing II (ENG*075) OR Introduction to College Reading & Writing (ENG*093) OR Introduction to College English (ENG*096) OR Reading & Writing VI (ESL*162), or placement into Composition (ENG*101) [including embedded ENG*101]

## Corequisites:
None

## Other Requirements:
None

## Ability Based Education (ABE) Statement
At Tunxis Community College students are assessed on the knowledge and skills they have learned. The faculty identified the General Education Abilities critical to students' success in their professional and personal lives. In every class, students are assessed on course abilities, sometimes program abilities, and, in most classes, at least one General Education Ability. Students will receive an evaluation of the degree to which they have demonstrated or not demonstrated that General Education Ability.

## Catalog Course Description:
An in-depth study of the major classifications of the drugs of abuse in our current culture, including the pharmacology and pathology of chronic drug abuse. The biological, psychological, and physical effects on the human system will be examined. Students will study how drugs alter neurological functioning through the changes in levels of neurotransmitter activity in the brain. Various drug interactions, which are responsible for many accidental deaths will be discussed. Legal dimensions of the drugs of abuse will be explored from the historical perspective and the subsequent classifications known as the Schedules of Drugs.
## Biology of Addiction

### COURSE SYLLABUS — page 2

<table>
<thead>
<tr>
<th><strong>Topical Outline:</strong></th>
<th>List course content in outline format.</th>
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<tbody>
<tr>
<td>1. Major Categories of Drugs</td>
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<td>2. Psychoactive Drugs from the Historical and Cultural Perspective</td>
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<td>3. Biological Effects</td>
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<td>4. This is Your Brain on Drugs</td>
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<tr>
<td>5. Chemical and Behavioral Addictions</td>
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<td>6. Assessing Use, Abuse, and Dependence</td>
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<tr>
<td>7. Mental Health and Psychoactive Drugs</td>
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### Outcomes:
Describe measurable skills or knowledge that students should be able to demonstrate as evidence that they have mastered the course content.

Upon successful completion of this course, the student will be able to do the following:

**COURSE:**
1. demonstrate knowledge of drug specific effects on the body, brain, and central nervous system
2. demonstrate knowledge of the Drug Schedules from a historical and legal perspective
3. explain the use of psychoactive drugs from a historical and cultural perspective
4. identify the biological, psychological, and behavioral processes involved in addiction
5. discuss psychoactive drug abuse/dependence and mental health issues
6. identify both similarities and differences with chemical and behavioral addictions

**PROGRAM:** *(Numbering reflects Program Outcomes as they appear in the college catalog)*

**Drug & Alcohol Rehabilitation Counselor Associate Degree**
3. demonstrate an understanding of the physiological and neurological effects of various substances on the brain and CNS.

**GENERAL EDUCATION:** *(Numbering reflects General Education Outcomes as they appear in the college catalog)*

### Evaluation:
List how the above outcomes will be assessed.

Assessment will be based on the following criteria:
1. exams
2. written assignments

### Instructional Resources:
List library (e.g. books, journals, on-line resources), technological (e.g. Smartboard, software), and other resources (e.g. equipment, supplies, facilities) required and desired to teach this course.

**Required:** None

### Textbook(s)