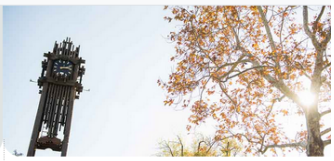
Palomar College Curriculum

Supporting the work of Curriculum Development at Palomar College



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Click here to log in to META, Palomar's Curriculum Management System.

The deadline to launch curriculum for Fall 2024 is Monday, October 2.

- Continue proposing curriculum reviews. Reviews keep your curriculum current and protect transfer and articulation status with no impact to student records or the college catalog.
- All curriculum is entered into Palomar's Curriqunet META system.
- Once launched, watch your email or check back in to META for approver feedback. Be sure to respond to suggested changes.
- Curriculum has not completed the local approval process until it appears on an official Curriculum Committee agenda and is approved. It is then approved by Faculty Senate and the Governing Board before proceeding to the Chancellor's Office.
- View Curriculum

Curriculum Help

Curriculum Aids and Answers

META Drop-In sessions:

- Check back for future events.

Curriculum Aids

- Curriculum Originator Course Guide
- 2023 Curriculum Basics Workshop
- Dean Course Approval Guide
- Dean Program Approval Guide
- Course Review Instructional Video

Frequently Asked Questions:

- To create a proposal in META, you only need origination rights. It doesn't matter who last updated a course or program.
- You cannot begin a duplicate proposal until the first has completed approval.
- If you are an originator or have already been added

Search Course Outlines and Programs

No Login Needed

- Utilize the search buttons in the upper right-hand corner of the screen



- Search for courses using keywords or department options
- Conduct these searches without a user ID or password.
- These documents may be downloaded or printed

Curriculum Public Search



Curriculum Specialist
Cheryl Kearse – ext. 2256

Contact Information

Email: Ckearse@palomar.edu

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Course Outline

AODS 155 - The Physiology and Pharmacology of Psychoactive Drugs

Fall Semester 2022

Basic Course Information

Courses numbered 1 - 49 are remedial or college preparatory courses which do not apply toward an A. A. Degree and are not intended for transfer. Courses numbered 50-99 apply toward an AA Degree, but are not intended for transfer. Courses numbered 100 and higher apply toward an AA Degree and/or are intended for transfer to a four-year college or university.

CB04 Course Credit Status D - Credit - Degree Applicable

Discipline AODS

Title The Physiology and Pharmacology of Psychoactive Drugs

This course is part of the following cross listing

The Physiology and Pharmacology of Psychoactive Drugs (PSYC 155):

AODS 155 - The Physiology and Pharmacology of Psychoactive Drugs
PSYC 155 - The Physiology and Pharmacology of Psychoactive Drugs
SOC 155 - The Physiology and Pharmacology of Psychoactive Drugs

Units and Hours

Min Unit Hour 3.000

Max Unit Hour 3.000

Grade Option Grade/Pass/No Pass

Min Semester Hours Calculated

Hour Type	**Weekly Hours**		
Semester Hours x 16 Weeks	**Semester Hours x 18 Weeks**		
Lecture Category -	3.00	x 16 Weeks - 48.00	x 18 Weeks - 54.00
Lab Category -	0.00	x 16 Weeks - 0.00	x 18 Weeks - 0.00
Subtotal -	3.00	x 16 Weeks - 48.00	x 18 Weeks - 54.00
Out of Class Hour -	6.00	x 16 Weeks - 96.00	x 18 Weeks - 108.00
Totals -	9.00	x 16 Weeks - 144.00	x 18 Weeks - 162.00

Max Semester Hours Calculated

Hour Type	**Weekly Hours**
Semester Hours x 16 Weeks	**Semester Hours x 18 Weeks**

Max Lecture Category -	3.00	x 16 Weeks - 48.00	x 18 Weeks - 54.00
Max Lab Category -	0.00	x 16 Weeks - 0.00	x 18 Weeks - 0.00
Max Subtotal -	3.00	x 16 Weeks - 48.00	x 18 Weeks - 54.00
Max Out of Class Hour -	6.00	x 16 Weeks - 96.00	x 18 Weeks - 108.00
Max Totals -	9.00	x 16 Weeks - 144.00	x 18 Weeks - 162.00

Basic Skills Requirements: Appropriate Language and/or Computational Skills.

Catalog Description

This course will examine how psychoactive drugs affect the nervous system. Ways of classifying drugs will be identified including the processes of physical and psychological dependence, tolerance, withdrawal, and genetic predispositions. Temporary and long-term affective, behavioral, cognitive, biological, and social consequences of psychoactive drug use will be explored, including disorders such as Korsakoff's syndrome and other nutritional deficiencies.

Student Learning Outcomes

Outcome

1. Demonstrate mastery of the classification of psychoactive drugs.
2. Identify and describe the Biopsychosocialspiritual factors involved in the development of addiction and describe how each operates to create substance abuse and dependency.

Specific Course Objectives

Objective
Upon successful completion of the course, the student will be able to:

1. Identify the physiological effects of alcohol and other psychoactive drugs on the human system;
2. Identify overdose and withdrawal effects of psychoactive drugs;
3. Compare and contrast the processes of physical and psychological dependence, addiction, tolerance, and cross-tolerance, including similarities and differences among them;
4. Compare and contrast methods of detoxification and issues affecting relapse and recovery for the range of psychoactive drugs;
5. Describe the behavioral, psychological, and social effects of psychoactive drugs on the consumer and significant others;
6. Identify the ways substance use disorders can mimic a variety of medical and psychological disorders and discuss issues of co-occurring disorders.

Methods of Instruction

Methods of Instruction may include, but are not limited to, the following:

- Demonstration
- Discussion

- Guest Speakers
- Lecture
- Videos/Film

Content in Terms of Specific Body of Knowledge

I. Basic Biology Review
    A. cell structure and components: lipids, carbohydrates, proteins, nucleic acids
    B. molecular biology: DNA, protein synthesis
    C. protein receptor structure and function
    D. genetics, mutagenesis, genetic predisposition
II. Basic Nervous System Review
    A. drug action
    B. cellular/molecular general psychopharmacological action
    C. physiological foundations of drug responses
        1. intoxication, craving
        2. dependence
        3. tolerance
        4. addiction
        5. withdrawal
        6. overdose
III. History of Use and Specific Psychopharmacological Action of Drugs
    A. nicotine
    B. alcohol
    C. marijuana
    D. cocaine and derivatives
    E. LSD
    F. heroin
    G. MDMA
    H. benzodiazepines
    I. barbiturates
    J. inhalants
IV. Other Related Addictions: gambling and eating disorders
V. Issues Related to Co-occurring Disorders

Textbooks/Resources

Textbook

1. **Author** Inaba,D.S. and Cohen, W.E.
   Title Uppers, Downers, All Arounders
   Edition 8th
   City
   Publisher CNS Publications
   Year 2014

Assignments

Students are expected to research projects and solutions as dictated by specific assignments. Students are expected to spend a minimum of three hours per unit per week in class and on outside assignments, prorated for short-term classes.

Required Reading
Textbook and class handouts.

Suggested Reading
Inaba, D.S. & Cohen, W.E. (2014) Uppers, Downers, All Arounders: Physical and Mental Effects of Psychoactive Drugs, 8th edition. CNS Publications, Inc.

Required Writing
Four writing assignments.

Critical Thinking
Analysis and evaluation of course materials. Quizzes and exams.

Outside Assignments
Four research papers required. PowerPoint presentation required.

Methods of Assessment

Evaluation Method

- Class Participation
- Class Work
- Exams/Tests
- Group Projects
- Homework
- Oral Presentation
- Papers
- Projects
- Quizzes
- Research Projects

Open Entry/Open Exit

Open Entry / Open Exit - Not Open Entry/Open Exit

Repeatability

Is this course repeatable in accordance with Title 5 guidelines? No

Contact Person

Originator Fent, James

essays and other writing assignments

Critical Thinking
analysis and evaluation of course materials

Outside Assignments
Research Paper is required.

Methods of Assessment

Evaluation Method

- Class Participation
- Class Work
- Exams/Tests
- Group Projects
- Homework
- Oral Presentation
- Papers
- Projects
- Quizzes
- Research Projects

Open Entry/Open Exit

Open Entry / Open Exit - Not Open Entry/Open Exit

Repeatability

Is this course repeatable in accordance with Title 5 guidelines? No

Contact Person

Originator Humphrey, Terry L.