

**Argosy University/San Francisco Bay Area
MA Counseling Psychology
PC 6250 Clinical Psychopharmacology
Summer Session II 2006**

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Required Text:

Preston, J.D., O'Neal, J.H. & Talaga, M.C. (2005). *Handbook of psychopharmacology for therapists* (4th ed.). Oakland: New Harbinger. ISBN 1-572224-399-6

Recommended Text:

Shannon, S. (2002). *Handbook of complementary and alternative therapies in Mental Health*. San Diego, California: Academic Press. ISBN-13: 978-0-12-638281-5

Course Description:

An introduction is provided to psychopharmaceutical drugs, their neurochemical basis, their mode of action and their clinical application. Principles of use and current status of psychopharmacology are discussed.

Course Objectives:

**By the completion of this course students should be familiar with, if not proficient in the following:*

- 1) Psychopharmacokinetics including basic neurophysiology, neuroanatomy and neurochemistry.
- 2) Identifying major classifications of psychotropic drugs, mechanisms of action, and therapeutic/adverse effects.
- 3) Knowledge of historical, social, economic, political and cultural influences on the use of psychiatric medications.
- 4) Defining the therapists role in assessment, management, treatment and collaboration with other medical professionals, family members/friends or other involved parties.
- 5) Understanding ethical/legal issues.

- 6) Creating a framework for considering complementary/alternative interventions for symptoms commonly treated primary with psychotropic medications.

Methods of Instruction:

This course will be delivered in a **blended-format**, including in-class lecture and discussion, video, presentations and role-plays combined with online discussion. In addition to the two required weekends on campus, students are required to participate online via Embanet-Intralearn at <http://online.argosy.edu> on a weekly basis during the entire term of the course. This course begins online the week of June 29, 2006, meets on the weekends of July 9-10 and August 5-6, and concludes on August 19, 2006.

Course Evaluation:

**Your grade in this course will be based on the following requirements:*

- 1) **Online assignments** (8 points each x 8 weeks): Students will have to complete online discussions related to assigned readings. Readings must be completed for thoughtful participation in the online discussions.
- 2) **Attendance and Class Participation** (15 points x 2 weekends): Students are expected to attend both weekends in their entirety and actively participate in class discussions and role-plays. More than three hours of missed class time will lower your grade a full step. If you have an emergency that prevents you from attending the course, please make arrangements with the program office to withdraw.
- 3) **Examination** (30 questions worth 1 point each): Exam questions will be taken directly from the readings assigned from the text. It will be given the Sunday of the second weekend, multiple choice and open book.
- 4) **Paper** (50 points): The paper, due Saturday morning of the second weekend, must be 4-6 pages, written in APA format and include a minimum of five references (all references must be within the last five years). It must include the following:
 1. *Historical background of a drug*: Introduce the selected drug and give a brief historical perspective.
 2. *Mechanism of Action*: Discuss the pharmacodynamics of the drug. Include any specific Impacts of the drug at both the cellular and the systemic levels on the CNS.
 3. *Pharmacokinetics*: Discuss the absorption, distribution, metabolism and elimination of the drug. Include specific events such as blood brain barrier, placental barrier and physiological and psychological reactions and side effects.
 4. *Pharmacotherapy*: Indications and Contraindications for this drug. Discuss why and for whom this drug is prescribed. Include relevant psychopathology and psychodiagnostics.
 5. *Other forms of therapy*: Provide a list of complementary therapies and alternatives to the drug you have chosen. Please think out of the box here, everything from

biofeedback to rebirthing to chewing gum will be accepted (please have a resource to support your claim).

5) Presentation (25 points): The paper will be presented to the class on Saturday morning of the second weekend. The presentation should be 10-15 minutes in length and it is strongly encouraged to bring visual aids or other materials to assist your classmates in learning the material. In addition, please make a copy of your reference list to share with everyone in the class.

Course Outline:

Week One:

Chapter 1: Introduction

Chapter 2: Integrated

Appendix A

Week Two:

Chapter 3: Neurobiology

Chapter 4: Pharmacology

Week Three:

Chapter 5: Preliminary Diagnostic Criteria

Chapter 6: Depressive Disorders

Chapter 7: Bipolar Disorders

Chapter 15: Antidepressant Medications

Chapter 16: Mood Stabilizers

Week Four:

Chapter 8: Anxiety Disorders

Chapter 9: Obsessive-Compulsive Disorder

Chapter 17: Antianxiety Medications

Week Five:

Chapter 10: Psychotic Disorders

Chapter 18: Antipsychotic Medications

Week Six:

Chapter 11: Post-Traumatic Stress Disorder

Chapter 12: Borderline Personality Disorder

Chapter 13: Substance Related Disorders

Chapter 14: Other Miscellaneous Disorders

Appendix B

Week Seven:

Chapter 19: Over the Counter Products

Chapter 20: Red-Flags: When to Reevaluate

Chapter 21: Child and Adolescent Psychopharmacology

Week Eight:

Summary and Final Discussion Group Posting Due

Criteria for Online Assignments:

***Discussion Topics will be posted the Monday of each lesson and your response must be posted no later than 11:59 PM the Friday of that lesson.**

A = 90+

Student actively participated in discussions in **>80%** of class sessions; **nearly all** comments were **thought provoking and incorporated material from the assigned readings**

B = 80-89

Student actively participated in discussions in **>80%** of class sessions; **most** of the comments were thought provoking and incorporated material from the assigned readings

C = 70-79

Student participated in discussions in **>70%** of class sessions; comments/questions demonstrate a surface level understanding of course topics

F = <70

Student participated in **<70%** of class sessions; comments/questions did not demonstrate an understanding of course topics, or **student did not participate** in class discussions.

Criteria for Class Attendance/Participation:

A = 90+

Student actively participated in discussions in **>80%** of class sessions; **nearly all** comments were **thought provoking and incorporated material from the assigned readings**

B = 80-89

Student actively participated in discussions in **>80%** of class sessions; **most** of the comments were thought provoking and incorporated material from the assigned readings

C = 70-79

Student participated in discussions in **>70%** of class sessions; comments/questions demonstrate a surface level understanding of course topics

F = <70

Student participated in **<70%** of class sessions; comments/questions did not demonstrate an understanding of course topics, or **student did not participate** in class discussions.

Criteria for Class Presentation:

A = 90+

Presentation is well organized and provides **excellent** coverage of the topic area;

informative visual aids provided to the instructor and classmates

B = 80-89

Presentation is well organized and provides **adequate** coverage of the topic area

C = 70-79

Coverage of material is marginal; presentation is slightly disorganized

F = <70

Presentation is **disorganized** and does not provide adequate coverage of the topic area, or presentation was **not completed** by student.

Criteria for Paper:

A = 90+

Paper is in appropriate APA format, well thought out and provides **excellent** coverage of material

B = 80-89

Paper is well thought out, but is missing one component of APA format OR coverage of material is **adequate**

C = 70-79

Insufficient number of references provided AND **limited** coverage

F = <70

Paper is disorganized AND coverage is not adequate AND does not conform to APA format, or there is evidence of **plagiarism**, or paper not submitted

Grading:

186-199 A

179-185 A-

178 B+

170 B

159 B-

150 C+

149 C

139 C-

Below 139 F

Academic Dishonesty/Plagiarism:

In an effort to foster a spirit of honesty and integrity during the learning process, Argosy University requires that the submission of all course assignments represent the original work produced by that student. All sources must be documented through normal scholarly references/citations and all work must be submitted using the *Publication Manual of the American Psychological Association, 5th Edition (2001)*. Washington DC:

American Psychological Association (APA) format. Please refer to Appendix A in the *Publication Manual of the American Psychological Association, 5th Edition* for thesis and paper format. Students are encouraged to purchase this manual (required in some courses) and become familiar with its content as well as consult the Argosy University catalog for further information regarding academic dishonesty and plagiarism.

Additionally, Argosy University considers resubmission of a work produced for one course in a subsequent course or the submission of work done partially or entirely by another to be academic dishonesty. It is the students responsibility to seek clarification from the instructor regarding how much help may be received in completing an assignment, exam or project and what sources may be used.

Scholarly writing: The faculty at Argosy University is dedicated to providing a learning environment that supports scholarly and ethical writing free from academic dishonesty and plagiarism. This includes the proper and appropriate referencing of all sources. You are responsible for maintaining an electronic copy of any work submitted, because you may be asked to submit your course assignments through *Turnitin*, (www.turnitin.com), an online resource established to help educators develop writing/research skills and detect potential cases of academic dishonesty. *Turnitin* compares submitted papers to billions of pages of content and provides a comparison report to your instructor. This comparison detects papers that share common information and duplicative language.

ADA Policy:

It is AU/San Francisco Bay Area Campus policy not to discriminate against qualified students with a documented disability in its educational programs, activities or services. If you have a disability-related need for accommodations in this class, contact the Campus Director of Student Services at 510-215-0277.

Your instructor is responsible for delivering this curriculum in a format that will ensure the objectives are met and measured. This can be accomplished in a variety of ways depending upon the experience, orientation, technological acumen, emphasis and preferences of the instructor as well as the resources available. Your instructor is also required to ensure that the course Outline include details regarding assignments and method of instruction.