

**Introduction to Psychopharmacology I (Mood & Anxiety Disorders, Psychosis)
(CECP 5830)
Western Michigan University
Grand Rapids East Beltline Campus
Fall, 2012**

Course Syllabus

Instructor: Craig Vander Maas, Psy.D., M.S. (Clinical Psychopharmacology)
Licensed Psychologist
Licensed Professional Counselor
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Time Schedule: Friday, September 28 (3:00-10:00 pm)
Saturday, September 29 (8:00-5:00 pm)

Credit Hours: 1

Required Text: none (PowerPoint handouts e-mailed to the class)

Recommended Texts:

General Pharmacology

Dipiro, J., Talbert, R., Yee, G., Matzke, G., Wells, B., & Posey, L. (2002). *Pharmacotherapy: A Pathophysiologic Approach*, 5th Ed. McGraw-Hill (ISBN 0-07-136361-0)

Brunton, L, Lazo, J., & Parker, K. (2005). *Goodman & Gilman's The Pharmacological Basis of Therapeutics*, 7th Ed. McGraw-Hill (ISBN 0071422803)

Psychopharmacology

Meyer, J. and Quenzer, L. (2005). *Psychopharmacology: Drugs, the Brain, and Behavior*. Sunderland, MA: Sinauer Associates, Inc. (ISBN 0-87893-534-7)

Stahl, S. (2000). *Essential Psychopharmacology: Neuroscientific Basis and Practical Applications*, 2nd Ed. Cambridge University Press (0-521-64154-3)

Julien, R. (2001). *A Primer of Drug Action*. Henry Holt & Co. (ISBN 0-8050-7158-X)

Most Recommended

Preston, J., O'Neal, J. & Talaga, M. (2005). Handbook of Clinical Psychopharmacology for Therapists, 4th Ed. New Harbinger (ISBN 1-57224-399-6)

Prescribing

Physician's Desk Reference

Saunders Nursing Drug Handbook

Stahl, S. (2005). Essential Psychopharmacology: the Prescriber's Guide. Cambridge. (ISBN 0-521-01169-8)

Pavuluri, M. & Janicak, P. (2004). Handbook of Psychopharmacotherapy: A Life Span Approach. Lippincott Williams & Wilkins (ISBN 0-7817-5356-2)

Course Description:

This is an introductory course for counselors and therapists on the subject of pharmacotherapy, which has become a progressively dominant modality in treating psychiatric and psychological disorders. Psychotherapists and counselors typically spend significantly more time with clients than do prescribing physicians, so they have an important adjunctive role to play for the patient who is being prescribed psychotropic medications.

“Many non-medical psychotherapists are or will become strongly and rather directly involved in medication treatment. In some settings psychologists and social workers assume a major role in monitoring client responses to psychotropic medications. As primary therapists, these practitioners are in most frequent contact with clients and are in the best position to observe symptomatic improvement, side effect problems, and issues involving medication compliance” (Preston, O'Neal & Talaga, 2005).

This course will explore:

- the history of biological psychiatry
- integrated models of therapy
- introductory neurobiology
- introductory concepts of pharmacology
- the growing roles of non-physician psychopharmacologists (e.g. prescribing psychologists)
- disorders for which medications are prescribed
- diagnosis of various disorders and natural history of the disorders
- making differential diagnoses
- medication treatments
- mechanisms of action for various psychotropic medications

Course Objectives:

1. Gain understanding of the role psychotherapists and counselors can play in pharmacological treatment.
2. Gain increased understanding about various disorders for which pharmacological treatments are given.
3. Gain basic understanding about various pharmacological interventions.

Class Format:

The class will be a combination of PowerPoint presentations, videos, and class discussions.

Evaluation Criteria:

Attendance is required for the entire scheduled class time.

The course grade will be based on:

- class participation
- open book/notes final examination

You are responsible for making yourself aware of and understanding the policies and procedures in the Undergraduate and Graduate Catalogs that pertain to Academic Honesty. These policies include cheating, fabrication, falsification and forgery, multiple submission, plagiarism, complicity and computer misuse. [The policies can be found at www.wmich.edu/catalog under Academic Policies, Student Rights and Responsibilities.] If there is reason to believe you have been involved in academic dishonesty, you will be referred to the Office of Student Conduct. You will be given the opportunity to review the charge(s). If you believe you are not responsible, you will have the opportunity for a hearing. You should consult with me if you are uncertain about an issue of academic honesty prior to the submission of an assignment or test.

“Accommodations: All students requesting accommodations are encouraged to contact the professor to schedule an appointment within the first two weeks of the semester. Students with disabilities are required to present documentation of disability with a letter indicating required accommodations from Disabled Student Resources & Services to the professor at the time of the scheduled appointment. Disabled Student Resources and Services can be contacted through Ms. Beth DenHartigh at 387-2116 or beth.denhartigh@wmich.edu. I look forward to working with all students with disabilities to make this class an enjoyable learning experience.”

Tentative Schedule

Friday:

3:00-4:30 pm

I. Psychologists, Mental Health Workers, and Psychopharmacology

- * Introductions
- * Review of Syllabus
- * History of biological psychiatry
- * Prescription privileges and psychologists
- * Counselors, therapists and medications

4:30-4:45 Break

4:45-6:30 pm

II. Principles of Pharmacology Structure and Function of the Nervous System

6:30-7:30 pm Dinner Break

7:30-10:00 pm

III. Mood Disorders, part I

- Medical diseases and drugs which cause depression
- Major Depression
- Dysthymic Disorder
- Depressive Disorder NOS
- Adjustment Disorder with Depressed Mood

(case presentations)

Saturday:

8:00-9:30 am

IV. Mood Disorders, part II

- Bipolar disorders

9:30-9:45am Break

9:45-11:00 am

V. Anxiety Disorders

- * Medical disorders and medications that cause anxiety
- * Generalized Anxiety Disorder
- * Phobias
- * Panic Disorder
- * Obsessive Compulsive Disorder

11:00-11:15 Break

11:15-12:30 pm

VI. Post Traumatic Stress Disorder

12:30-1:30 pm Lunch

1:30-3:00 pm

VII. Schizophrenia and other Psychotic Disorders

- Psychotic disorders due to medications and medical conditions
- Schizophrenia
- Schizoaffective disorder
- MDD with psychotic features
- Bipolar disorder with psychosis

3:00-3:15 pm Break

3:15-5:00 pm

Case presentations, Final Exam