

HSC 5142 (Section 0358) Drug Education

Fall 2011

Department of Health Education & Behavior

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| Location: | 285 Florida Gym |
| Time: | MWF, Period 3 (9:35 – 10:25 AM) |
| Instructor: | W. William Chen, Ph.D., C.H.E.S. |
| Office: | 19 Florida Gym |
| Phone: | 392-0583 ext. 1284 |
| Email: | wchen@hhp.ufl.edu |
| Office Hours: | 10:30-11:30 AM, MWF; 1:55-2:45 PM, W. & by appointment |
| Department Chair: | Jay Bernhardt, Ph.D., FLG 5 |
| Required Textbooks: | Ksir, C., Hart, CL, & Ray, O. (2011). <i>Drugs, Society, and Human Behavior</i> , 14 th edition. McGraw Hill, New York. |

Course Objectives:

HSC 5142, a basic course in drug education which gives a broad view of the elements involved, such as individual behavior, environmental factors, and drugs. All aspects of illicit and licit drugs and drug taking will be approached in a factual stance; i.e., what has been documented to date, so that the participants might better be able to separate speculation and bias from facts. The emphasis is also placed on methods pertaining to the preventive aspects of drug misuse and abuse.

Specifically, the objectives of the course are to:

- (1) Identify major drugs of abuse and demonstrate an understanding of their adverse effects.
- (2) Discuss current factual information and issues related to drugs and alcohol.
- (3) Describe the complexity and interaction of individual behavior, psychophysiological effects of drugs, and environmental impact in relation to drug use, misuse and abuse.
- (4) Explore possible alternatives to drug use.

- (5) Develop an effective drug education plan relative to a specific target population.
- (6) Objectively analyze the existing literature in selected areas of drugs and alcohol.
- (7) Explore personal attitudes regarding drug use, misuse and abuse.

Course Policies:

Policy on exams and assignments:

Exams are to be taken on the assigned dates. Assignments will not be accepted electronically and are due during the class period on the assigned due date (unless otherwise noted). Make-up exams and late assignments will be considered without penalty only under unusual or extenuating circumstance.

Policy concerning accommodations for students with disabilities:

Students with disabilities who need reasonable modifications to complete assignments successfully and otherwise satisfy course criteria are encouraged to meet with the instructor as early as possible to identify and plan specific accommodations. Students must supply a letter from the *UF Office of Students with Disabilities* to assist planning modifications.

Honest Policy:

By formally registering for coursework at the University of Florida, you agree to abide by the following statement:

“I understand that the University of Florida expects its students to be honest in all their academic work. I agree to adhere to this commitment to academic honesty and understand that my failure to comply with this commitment may result in disciplinary action up to and including expulsion from the University.”

Evaluations:

- 1. Exams.** Two exams and two quizzes will be given throughout the semester.
- 2. Literature Review.** Read and provide a written review of assigned articles from the reading list. See literature review guidelines for additional information.
- 3. Attendance and Participation.** Full attendance and active participation in classroom discussion will be given extra points. (5 points for full attendance, 3 points for one absence)
- 4. Research Paper.** Complete a research paper on a self-selected topic related to drugs and alcohol. The paper should be 12-15 typewritten pages in length (it can be longer,

if you wish), and must incorporate the following information. The paper is due on or before **November 21, 2011**. The grading criteria will include: clarity, organization of the paper, depth of the research, insight and appropriateness of referencing methodology (you could use either APA or AMA style).

- Introduction- Introduce the extent of the problem or issues and its significance and objectives of the paper.
- Research findings- Factual information reported in the scientific literature. It would be helpful to organize the materials into subsections or subheadings.
- Solutions or preventive measures used to alleviate the problem or issue. This could include ideas for prevention or treatment programs and/or resources that are helpful to address the problem or issues.
- Summary and conclusion
- References*
 *It would be extremely helpful to look up other research papers published in professional journal as a guide for this research paper and see how a research paper is structured.

Grading

| | |
|--------------------|------------|
| Exam 1 | 100 points |
| Exam 2 | 100 points |
| Quiz 1 | 50 points |
| Quiz 2 | 50points |
| Literature Reviews | 50 points |
| Research Paper | 100 points |
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| Total | 450 points |

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|----|---------------|
| A | 405 or higher |
| B+ | 383 - 404 |
| B | 360 - 382 |
| C+ | 338 - 359 |
| C | 315 - 337 |
| D+ | 293 - 314 |
| D | 270 - 292 |
| E | below 270 |

Tentative Class Schedule

| Date | Topic | Readings |
|----------------------|--|------------------|
| Aug 22 | Introduction | |
| Aug 24-26 | Overview of Drug Use and Abuse | Chapter 1 & 2 |
| August 29- Sept 2 | Current Perspectives- Why Drugs & Issues Related to Drug Use and Abuse | Chapters 3 |
| Sept 5 | Labor Day Holiday | |
| Sept 7-12 | Physiological Basis of Drug Action on CNS & Behavior | Chapters 4 & 5 |
| Sept 14 | Quiz # 1 | |
| Sept 16- Sept 30 | Alcohol, the Most Popular Psychoactive Drugs | Chapter 9 |
| Oct 3-7 | Stimulants and Performance Enhancing Drugs | Chapters 6 & 16 |
| October 10 | Exam #1 | |
| Oct 12-17 | Depressants, Inhalants & Drugs for Mental Illnesses | Chapters 7 & 8 |
| Oct 19-21 | Opioids | Chapter 13 |
| Oct 24-31 | Hallucinogens | Chapter 14 |
| Nov 2 | Quiz # 2 | |
| Nov 4 | Home Coming | |
| Nov 7-9 | Marijuana | Chapter 15 |
| Nov 11 | Veteran's Holiday | |
| Nov 14-18 | Tobacco | Chapter 10 |
| Nov 21-30 | OTC Drugs & Caffeine | Chapters 11 & 12 |
| Nov 26 | Thanksgiving Holiday | |
| Dec 2 | Drug Abuse Prevention & Control | Chapter 17 |
| Dec 5 | Project Presentations | |
| Dec 8 | Exam #2 | |

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Guidelines for Literature Review

- Each Literature Review shall include a **SUMMARY** of the information discussed in the article and your **CRITIQUE** of the article (separate and label each section). The summary shall highlight the main issues and contents of the article and **conclude with the main message the article is trying to convey**. The critique shall include your personal reaction/perspective and **how the information can be used in drug education and prevention**.
- The review shall be keyboarded, double spaced using 12 point font.
- Include your name, the article title and number, and due date on the front/top of page one.
- Your review should be completed in **2** pages.
- Two articles are listed per topic/due date. You are expected to read both articles; however, **you are required to select only one article per topic/due date to complete the written review**.
- A total of 5 reviews are assigned—each review is worth 10 points.
- Review shall be submitted during class on the due date
Assigned articles and due dates are listed below.

| Due Date | Article # | Topic Area |
|----------------------------|------------|---|
| #1 Wednesday, September 7 | 1, 2 | Overview & Drug Issues |
| #2 Wednesday, September 21 | 3, 4, 5 | Drug Effects, Dependency & Addiction |
| #3 Wednesday, October 5 | 6, 7 | Issues Related to Commonly Abused Drugs |
| #4 Wednesday, October 26 | 8, 9 | Consequences of Drug Misuse & Abuse |
| #5 Wednesday, November 16 | 10, 11, 12 | Drug Abuse Prevention & Treatment |

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List of Articles for Literature Review

1. Elliott, ET, Souder, CA, Privette, T & Richardson, WH. (2009). The Scope of Adolescent Prescription Drug Abuse. *Emergency Medicine*; 41(1):16-23.
2. Whitten, L. (2006). Studies Identify Factors Surrounding Rise in Abuse of Prescription Drugs by College Students. *NIDA Notes*; 20(4), Research Findings, March 2006. (3 pages)
3. NIDA. (2008). Understanding Drug Abuse and Addiction. *NIDA InfoFacts*; (June 2008). (4 pages)
4. Sherman, C. (2007). Impacts of Drugs on Neurotransmission. *NIDA Notes*; 21 (4), Research Findings, October 2007. (8 pages)
5. Whitten, L. (2010). Cocaine Vaccine Helps Some Reduce Drug Abuse. *NIDA Notes*, 23 (3), Research Findings, December 2010. (4 pages)
6. Whitten, Lori. (2009). Methamphetamine Abusers Show Increased Distractibility. *NIDA Notes*; 22 (3), Research Findings, April 2009. (3 pages)
7. Smith, LM, LaGasse, LL, Derauf, C, Grant, P, Shah, R, Arria, A, huestis, M, Haning, W, Strauss, A, Grotta, SD, Liu, J, & Lester, BM. (2006). The Infant Development, Environment, and Lifestyle Study: Effects of Prenatal methamphetamine Exposure, Polydrug Exposure, and Poverty on Intrauterine Growth. *Pediatrics*; 118: 1149-1156.
8. CDC. (2009). Inadvertent Ingestion of Marijuana---Los Angeles, California, 2009. *MMWR*; 58(34):947-950.
9. NIDA. (2009). Cocaine: Abuse and Addiction. NIH Publication Number 09-4166. (8 pages)
10. NIDA. (2010). Behavior Game Played in Primary Grades Reduces later Drug-Related Problems. *NIDA Notes*; 23 (1), April 2010. (5 pages)
11. Whitten, L. (2006). Low cost Incentives Improve Outcomes in Stimulant Abuse Treatment. *NIDA Notes*; 21 (1), October 2006. (3 pages)
12. Reynolds, S. (2011). Prevention Program Averts Initiation of Alcohol and Tobacco Use. *NIDA Notes*; 23 (4), March 2011. (4 pages)