

I. COURSE DESCRIPTION:

- A. Department Information:
Division: Social Science
Department: Human Services
Course ID: HUMSV 205
Course Title: AIDS: Practices, Processes, and Policy
Units: 2
Lecture: 2 Hours
Laboratory: None
Prerequisite: None
- B. Catalog Description: An overview of Acquired Immune Deficiency Syndrome (AIDS) including its diagnosis, transmission, and prevention; the psychosocial and economic impact of the disease on patients and their families and friends; society's response to the disease; and effective approaches to assist individuals coping with AIDS.
- C. Schedule Description: An overview of AIDS including its diagnosis, transmission, and prevention; the psychosocial and economic impact of AIDS; societies response to the disease; and effective approaches to assist individuals coping with AIDS.

II. NUMBER OF TIMES COURSE MAY BE TAKEN FOR CREDIT: One

III. EXPECTED OUTCOMES FOR STUDENTS:

Upon successful completion of the course the student should be able to:

- A. Discuss a brief history of the HIV epidemic and the factors that led to the rapid explosion in the number of cases;
- B. Describe in some detail the Human Immune Response to infection in general and to HIV infection specifically;
- C. Identify three means of transmission of HIV, and which behaviors are considered high risk for HIV;
- D. Discuss the economic impact of the HIV epidemic
- E. Compare and contrast the reaction of government health agencies to the HIV epidemic versus past outbreaks of infectious diseases, and why the difference between the two.
- F. Provide an accurate, detailed history of the HIV epidemic, including key dates of milestones signifying turning points and developments that have shaped our current
- G. Present a workable plan for the management and control of HIV including treatment response to HIV.
- H. Explain the demonstrated risk between IV drug abuse and HIV infection, and be able to discuss pilot projects that have been successful in reducing HIV infection rates.

IV. COURSE CONTENT:

- A. History of HIV
 1. The origins of the virus
 2. How and where it spread
 3. AIDS in the USA
 - a) First appearance in 1981
 - b) 700,000 cases plus
- B. Demographics of Infection
 1. Who gets it and why (USA)
 - a) Minority populations

- b) Gays
- c) Drug users
- 2. Worldwide epidemic
- 3. Means of transmission
 - a) Sexual activity
 - b) Blood
 - c) Needles
 - d) Childbirth
- C. Symptoms
 - 1. Flue-like symptoms
 - 2. Symptomatic period
 - 3. Deterioration of immune system
- D. Definition of AIDS
 - 1. HIV with less than 200CD4=T cells/mil.
 - 2. Symptoms
 - 3. Cancers
- E. Diagnosis of AIDS
 - 1. Testing 6 weeks to 12 months after infection
 - 2. ELISA test, Western Blot test
 - 3. Newborns
- F. Treatment
 - 1. Drugs
 - a) RTI's
 - b) AZT
 - c) NNRTI's
 - 2. No cure yet
- G. Prevention
 - 1. Avoiding risky behaviors
 - 2. AZT for pregnant women
- H. Research
 - 1. HIV vaccines
 - 2. Chemical barriers
- I. Resources
 - 1. Clinical trials
 - 2. Treatment guidelines
 - 3. Research programs
- J. The Politics of AIDS
 - 1. The changing face of AIDS
 - 2. Minority populations and AIDS
- K. The Immune Response
- L. The Economics of AIDS
 - 1. The cost of the epidemic
 - 2. Global effects
- M. The Toll on Society
 - 1. Children
 - 2. Gays
 - 3. Black men
 - 4. Heterosexual women
- M. Educational Approaches
 - 1. Safe sex
 - 2. Drug education
- N. The Future of AIDS
 - 1. Continuing new treatments for HIV and AIDS
 - 2. Victory over AIDS

V. METHODS OF INSTRUCTION:

- A. Lecture
- B. Directed Discussion
- C. Audio-Visual Aids
- D. Field Trip

VI. TYPICAL ASSIGNMENTS:

- A. Go through an anonymous and confidential HIV antibody screening test and write a two page account of your experience, expressing feelings, fears, anxieties, and observation.
- B. If you do not wish to do the screening process, write a paper on a topic mutually agreed upon with instructor
- C. Bring to class timely articles on HIV and AIDS, for critique and discussion
- D. Write a report on an assigned book
- E. Present a Model Plan for management, control, treatment, and prevention at the local level

VII. EVALUATION (S):

- A. Methods of Evaluation:
 - 1. Objective tests
 - 2. Essay tests
 - 3. Term paper or project
- B. Frequency of Evaluation:
 - 1. One final examination on problem solving and issues of contemporary HIV scenarios and two or three essay questions.
 - 2. One objective mid-term examination on facts and basic understanding retention of statistics relating to HIV.
 - 3. Project due at end of semester
 - 4. Paper due at end of semester
 - 5. One book report due on set date
- C. Typical Exam Questions
 - 1. Give a brief summary of the AIDS virus history.
 - 2. Relate the process and means of transmission of the virus.
 - 3. Discuss and compare three minority populations affected by AIDS.
 - 4. Name three Support Services available to HIV, AIDS patients.
 - 5. What do you see, personally and from you study, as the future of HIV infection and of AIDS?

VIII. TYPICAL TEXT (S):

Goudsmit, Jaap. Viral Sex: The Nature of AIDS. UK: Oxford Press, 1999
World Bank. Confronting AIDS: Public Priorities in a Global Epidemic. Revised edition, 1999

IX. OTHER SUPPLIES REQUIRED OF STUDENTS: None