

### **COURSE INFORMATION:**

#### **Population, Resources & Environment**

**11:374:269:01**

Fall 2015 T/TH 5:35-6:55, Population, Resources & Environment, Loree 024

T/TH 2:30-3:25, Intro Lecture , Loree 022, (Sections 1-6)

T/TH 4:10-5:05, Intro Lecture , Loree 022, (Sections 7-12)

### **CONTACT INFORMATION:**

Instructor(s): George F. Clark

Office Location: Room 209, Cook Office Building

Office Hours: T/TH 12:00-2:00 & by arrangement

Phone: 848-932-9207

Email: clark@aesop.rutgers.edu

### **COURSE MATERIALS:**

The “2015 World Population Data Sheet” published by the Population Reference Bureau will be used for the two paper assignments and has summary population data for all of the world’s major countries. It is available on the PRB web site ([www.prb.org](http://www.prb.org)). The book for the course is *Population, Resources and Environment* (2015-2016 Revised Printing) by Clark and is available at the Rutgers Bookstore and New Jersey Books. It can also be obtained online directly from Kendall-Hunt Publishing Company.

### **LEARNING OBJECTIVES/ASSESSMENTS:**

Students who complete this course will be able to:

1. Use fundamental data sources and measures of population composition and distribution as well as the components of population change – fertility, mortality and migration to support ideas.
  - Data sources include the census, vital registration, surveys and historical/miscellaneous data
  - Errors of coverage and content
  - Measures include the Crude Birth and Death Rates, Total Fertility Rate, Life Expectancy, Infant Mortality Rate, Net Migration Rate, Migration Efficiency, and many others
  - Composition includes ascribed characteristics - age, gender race, and ethnicity – and achieved characteristics – religion, marital status, income, occupation, and education
  - Distribution includes % urban/rural, population density, and metropolitan areas

*Assessed through examples gone over in class, participation and three examinations*

2. Apply key theoretical perspectives on the role of population in the world
  - Neo-Malthusian, Moderate, Marxist, High Tech viewpoints, and their development
  - Their respective strengths and weaknesses

*Assessed through class discussion and examinations*

3. Explain the relationship of population to problems and issues
  - Major focus on food, economic development, resources and environmental impact
  - Secondary focus on planning in such areas as education, social security, housing, etc.
  - Alternative policy possibilities in coping with continued population growth
  - Fostering analytical skills, particularly with regard to demographic information, but with carryover to other areas

*Assessed through class discussion, examinations, and two case study-type papers whereby each student receives copious amounts of data on an individual Less Developed Country and must apply knowledge and skills in analyzing that country’s demographic and other characteristics*

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**REQUIREMENTS:**

By mutual agreement there will be three non-cumulative exams, two during the semester on dates to be negotiated by the class and the third during finals. There also will be two papers on a particular LDC (Less Developed Country). Exams will count for 60% or 20% each, while papers will count 30% or 15% each.. Attendance will count for the remaining 10%. There will be a one-week grace period for exams and papers, after which there will be a one-half grade per week penalty. Class participation will not formally count, but will be considered for deciding borderline grades. We now have the self-reporting absence system; however, e-mails directly to me would still be appreciated.

**OTHER INFORMATION:**

**In order to receive a final grade for the course, ALL requirements must be completed; otherwise, a “T” grade will be assigned.**

Students will be responsible for adhering to the academic integrity policies found at <http://academicintegrity.rutgers.edu>.

It is important that students have the tools to succeed in this course. Please see the instructor \*as soon as possible\* with any difficulties or questions regarding the course materials. In addition, the Office of Student Affairs is available at <http://studentaffairs.rutgers.edu> for any other needs or concerns.

**COURSE SCHEDULE:**

9/1-9/17	Introduction, Basic Demographic/Population Component Equation, Population Perspectives, “POET” Scheme, Population Past, Present, & Potential Futures, Demographic Transition Model
9/22	Sources of Population Data – Census, Registration, Surveys, Miscellaneous
9/24-10/1	Population Composition – Ascribed & Achieved Characteristics, Life Chances
10/6-10/20	Mortality – Data Sources, Measures, Morbidity, Epidemiological Transition, Trends, Differentials, Issues
10/22-11/5	Fertility – Data Sources, Measures, Fecundity, Trends, Differentials, Fertility Transition & Explanations, Issues
11/10-11/24	Migration, Immigration, Urbanization & Distribution – Data Sources, Measures, Mobility, Trends, Lee’s Theory, Differentials, U.S. Immigration Law, Issues
12/1-12/10	Population Perspectives in More Depth Population Issues & Policy – Food, Resources, Pollution, Economic Development, Family Planning Programs, Population “Control”, & Alternatives
Final Exam:	Friday, December 18, noon – 3 p.m.

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