

# **Syllabus of Environmental Studies 112**

## **(ES 112: World Population, Policies, & Environment)**

### **Summer 2015**

Instructor: Manny Kundu

Office: HSSB 2028

Office Hours: Wednesdays & Thursdays: 8:15 – 9:15 & by appointments

E-mail: [mkundu@es.ucsb.edu](mailto:mkundu@es.ucsb.edu)

**Course Outline:** The course will focus on the following issues related to human population of the world.

- 1) The history of global population growth since human evolution
- 2) The current population growth in the developing nations; below replacement fertility in some of the developed nations; the consequences
- 3) The socio-economic effects of population growth in a society; views of Malthus, Marx, Boserup, and a few others
- 4) The way population growth affects bio-physical environment
- 5) How governmental policies attempted to check rapid population growth in some of the developing nations; China's One-Child Policy, India's family planning and family welfare policies of 1960s and 1970s, National Population Policy (of India) 2000, Singapore's eugenic policy
- 6) Economic, cultural, political, and bio-psychological factors that determine the demand for children in a family or society
- 7) The impact of women's education, employment, and overall empowerment as key determinants of fertility control
- 8) Causes and effects of malnutrition, high infant mortality, preference for male child
- 9) HIV, and AIDS in selected nations

Overall, the proposed course will adopt both qualitative and quantitative approaches to understand the issues linked to world population. Students will be encouraged to interpret census reports and other demographic documents on the basis of a holistic understanding gained from the course materials.

**Mandatory Reader:** Students are required to buy a compiled reader from the SD Printer at Isla Vista. (6549 Pardall Rd #C, Goleta, CA 93117. Phone: 805-699-6342). **If UCSB library can post all the reader articles as electronic reserve, the reader won't be printed.**

**Optional Textbook:** How Many People can the Earth Support? By Joel E. Cohen. W.W. Norton & Co. 1995. The book is available at the Reserve Book Service of UCSB library for two hours.

**Exams:** There will be **three one-hour tests**. Reading and lecture materials of one test are not cumulative to the following test/s. Each test will carry approximately 1/3<sup>rd</sup> of the final grade. The tests will contain **only multiple choice and True/False** questions. There is no system of getting extra credit in the course and there will be **no make-up exam** unless you face an unforeseen medical emergency. If you can't take the tests according to the regular schedule your grade will be penalized.

### **Schedule of Exams**

1<sup>st</sup> Exam: Thursday, August 13, 2015

2<sup>nd</sup> Exam: Thursday, August 27, 2015

3<sup>rd</sup> Exam: Thursday, September 10, 2015

**Films:** A few documentary films relevant to the course will be shown in this course. Each exam will include a few questions on the films.

### **Reading assignments**

Week 1 – Pages 5 – 75 from *How many People Can the Earth Support?* Author Joel Cohen

After resolving the copyright issue, I am trying to post this part of the book online. For the time being, the book can be checked out for two hours from the RBS of Davidson Library.

More materials will be added and let you know through Gauchospace. Keep an eye on it.