

Henry Street High School

CGR 4M1

The Environment and Resource Management, Grade 12, College/University

COURSE OUTLINE

COURSE DESCRIPTION

Students will have an understanding of the processes that shape the earth and a knowledge of how life forms interact with the environment. The course investigates the complexity and fragility of ecosystems and the effects of humans on them. Students will study the principle of sustainability and resource management and evaluate approaches to achieve a more sustainable relationship between the environment, society, and the economy.

UNITS OF STUDY

UNIT 1: Geographic Foundation and Environmental Systems

- *interaction of lithosphere-atmosphere-hydrosphere-biosphere
- *natural ecosystems and human influenced imbalances

UNIT 2: Human- Environment Interactions

- *society - environment - economy linkages / sustainable development
- *patterns of resource availability and use
- *effects of resource extraction and depletion

UNIT 3: Global Connections

- *environmental and resource management issues and global implications
- *population growth vs. sustainable development
- *international efforts to deal with resource management issues

UNIT 4: Understanding and Managing Change

- *impacts of economic/social/political/technological change on natural systems
- *environmental laws and their effectiveness
- *resolving environmental and resource management concerns

UNIT 5: Methods of Geographic Inquiry and Communication

- *research and investigation of environmental and resource management issues

ASSESSMENT AND EVALUATION

TERM WORK = 70 %

assignments, class work, notebooks, tests and quizzes

- 18% **Knowledge and Understanding** facts, principles, concepts, theories
- 16% **Thinking and Inquiry**- point of view, problem solving, questioning
- 16% **Communication**- mapping, reading, writing and oral skills
- 20% **Application**- conclusions, predictions and connections; use of technology

SUMMATIVE = 30%

Final Evaluation

- 15% **Formal Exam**
- 15% **Independent Study**

OTHER INFORMATION

MATERIALS: 3 ring binder, lined paper, colored pencils, pencils, pens, ruler and eraser

LATE AND MISSED ASSIGNMENTS, -according to school-wide policy outlined in the student handbook