

Henry Street High School

CGF 3M1

Physical Geography :Patterns, Processes, and Interactions, College/University, Grade 11

COURSE OUTLINE

COURSE DESCRIPTION

This course examines the main elements of the physical environment, the processes that shape them and the relationship between the environment and human beings. Students will apply a wide range of geographic tools and methods to explore the distribution and ongoing evolution of the elements of the physical environment on a variety of scales, from local to global.

UNITS OF STUDY

UNIT 1: Planetary Systems: The Earth

* birth of planet Earth, geological record, solar energy

UNIT 2: Structure of the Earth: Understanding the Lithosphere

* plate tectonics, continental drift, earthquakes, mountain building, rock cycle, landform types, volcanoes, weathering, river landscapes, continental/alpine glaciation

UNIT 3: Structure of the Earth: Understanding the Hydrosphere

* water cycle, currents, Tsunamis, river patterns, flooding, snow cover, permafrost, sea ice, glaciers, water use

UNIT 4: Structure of the Earth: Understanding the Atmosphere

* solar/thermal/kinetic energy, weather and climate, violent storms, microclimates, tornadoes, hurricanes, acid rain, global warming

UNIT 5: Structure of the Earth: Understanding the Biosphere

* chemical/kinetic/thermal energy, ecology, climate regions, soil development, natural vegetation, ecoregions, ecozones, resource development

ASSESSMENT AND EVALUATION

TERM WORK = 70 %

assignments, class work, tests and quizzes

20% **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

18% **Application-** conclusions, predictions and connections; use of technology

SUMMATIVE = 30%

Final Evaluation

15% **Independent Study -Natural Disaster Case Study**

15% **Final Exam**

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