

JAMESTOWN COMMUNITY COLLEGE
State University of New York

Master Course Syllabus

Course Title: Ice Ages

Course Abbreviation and Number: GLG 1630

Credit Hours: 1 **Division:** STEM **Course Type:** Lecture

Course Description: Students will be introduced to the major ice ages in our geologic past, with an emphasis on the Pleistocene Ice Age. Using readings, lectures, the Internet, audiovisual aids, and mini-labs, students will discuss the earth's major eras of glaciation, explain the work of glaciers in shaping topography, identify common Pleistocene age animals and discuss current theories of glaciation.

Corequisite: ENG 1530.

Course Attributes: E,L,N

(C=Career, E=Elective, H=Humanities, L=Liberal Arts & Sciences, N=Mathematics/Sciences, S=Social Sciences; VEDP=Values, Ethics & Diverse Perspectives) 4-letter codes represent SUNY General Education Courses, please see below to determine which SUNY General Education requirement(s) is met.

Student Learning Outcomes:

After the successful completion of this course students will be able to:

1. Describe the natural causes for global temperature variations.
2. Locate the Pleistocene Ice Age on the geologic time scale.
3. Describe and locate features of the glaciations in New York.
4. Describe major examples flora and fauna of the Ice Age in North America.
5. Describe characteristics of human habitation in North America during the last ice age.

Additional Student Learning Outcomes that meet SUNY General Education Requirements:

Does this course meet a SUNY General Education requirement(s)? Yes No

Topical Outline:

- Overview of geologic timeline, terms, and the location of the Pleistocene Ice Age within the time line.
- Evidence for ice ages across the globe and how current global temperatures compare with those of the last Ice Age. Natural causes of global temperature variations.
- Flora and fauna of the last Ice Age in New York, North America, and other global examples.
- Archeological evidence for humans during the Ice Age.
- Glaciations, glacial features, and impact of the disappearance of current glaciers.

Signatures and Dates:

Discipline Director: Nancy Bryant (director)

Date: 12/16/09

Assistant Dean:



Date: 1/12/2010

Academic Affairs: CR

Date: 1/12/2010

Effective Date: Spring 2010