

## **Selected Studies in Climate Studies Syllabus**

**ISC2931, Summer 2021, May17 - June 18**

### **Course & Instructor Information**

**Instructor:** Dr. Laura Nesor

**Office Hours:** By Appointment

**Contact Hours:** 15

**Credits:** 1

### **Course Description**

This course is scheduled for students who wish to further investigate curriculum presented in Introduction to Climate Studies (MET 1104).

### **Prerequisites**

To be taken in conjunction with MET 1104 Introduction to Climate Studies.

### **Textbook Information**

There are no textbooks required for this course.

### **Measurable course Objectives**

Measurable Course Objectives are outcomes, students are expected to achieve by the end of the course.

- Understand the scientific method and its use pertaining to climate change science
- Describe broad measurements relating to climate including land and sea temperatures, ice cover, sea levels, plant and animal migratory patterns, and species extinctions
- Understand climate change science in relation to Earth science
- Examine Earth's atmosphere including its composition, structure, and circulation patterns, and understand how various greenhouse gases affect it

- Compare the forcing mechanisms that bring about climate change and variability
- Identify extreme atmospheric events that have occurred due to climate change
- Describe the effect of climate on the structure, salinity, temperature, and circulation of the world ocean
- Demonstrate knowledge of how scientists investigate the spatial and temporal characteristics of climate, climate variability, and climate change
- Compare the methods scientists use in reconstructing the climatic history of Earth and projecting future climates
- Examine human efforts to mitigate and adapt to climate change

## **Collegewide Student Learning Outcomes**

The Collegewide Student Learning Outcomes assessed and reinforced in this course include the following:

- Communication
- Critical Thinking
- Scientific and Quantitative Reasoning
- Information Literacy
- Global Sociocultural Responsibility

## **Attendance/Makeup Policy**

The College recognizes the correlation between attendance and both student retention and achievement. Per College Policy 3.060 **Students are expected to attend all class meetings of all courses for which they are registered.**

You will be allowed to make up work for full credit only under extreme circumstances (such as a documented, serious health-related emergency).

Cheating will not be tolerated. This includes giving or receiving aid on a quiz or exam and plagiarizing the work of others (including your classmates). There will likely be homework that will allow for collaboration, but all work you turn in must be in your own words.

## **Course Content**

Student will write an essay outside of regular class throughout the semester and will share their research with classmates at the end of the semester.

- **Climate Change Opinion Essay:** Write a well-researched opinion essay that clearly states where you stand on the issue of human-caused climate change due to greenhouse gas emissions. (50%)
- **Annotated Bibliography:** Student should use scientific articles and must cite all sources of information. Aggregate sites such as Wikipedia will not be accepted as valid original sources. (25%)
- **Presentation of Research:** Student will share their research and results with their class in presentation format for peer evaluations. (25%)
- Students must adhere to the deadlines described in the Semester Calendar below.

### Semester Calendar May 17-June 18

Week	Objective/Topic
Week 1	Course Introduction; email exchange with instructor Student must submit short write-up summarizing their personal opinion on human-caused climate change (due Friday)
Week 2	Student must read and summarize at least 3 scientific articles that support their point of view and at least 3 scientific articles that oppose their point of view Summary due Friday; instructor may assign further articles as needed
Week 3	Student must submit first draft of opinion essay for instructor's review Instructor will edit and return within 7 days of submission
Week 4	Student receives instructor feedback and completes appropriate edits for final draft of essay Student must prepare a presentation to share with classmates for Week 5
Week 5	Final draft of essay due Student shares research with rest of class for peer evaluations

### **Grading Scale**

A = 90-100%

B = 80-89%

C = 70-79%

D = 60-69%

F = Below 60%

“A” grades are given for outstanding work. You are doing extremely well. The student has exceeded expectation.

“B” grades are given for above average work. You are doing very well. Improvements will be toward higher refinements of concept.

“C” grades are given for average work. You are meeting an acceptable level or expectation. Improvements will be towards acceptable levels of project requirements.

“D” grades are given for below average work. You are under-achieving in quality and/or motivation. Improvements will be towards acceptable level of project requirements.

“F” grades are given for failure. You are not reaching the expected level for college work. Improvements are to review goals, seek assistance and increase efforts.

## **Academic Integrity**

As members of the Seminole State College of Florida community, students are expected to be honest in all of their academic coursework and activities.

Academic dishonesty, such as cheating of any kind on examinations, course assignments or projects, plagiarism, misrepresentation and the unauthorized possession of examinations or other course-related materials, is prohibited.

Plagiarism is unacceptable to the college community. Academic work that is submitted by students is assumed to be the result of their own thought, research or self-expression. When students borrow ideas, wording or organization from another source, they are expected to acknowledge that fact in an appropriate manner. Plagiarism is the deliberate use and appropriation of another's work without identifying the source and trying to pass-off such work as the student's own. Any student who fails to give full credit for ideas or materials taken from another has plagiarized.

Students who share their work for the purpose of cheating on class assignments or tests are subject to the same penalties as the student who commits the act of cheating.

When cheating or plagiarism has occurred, instructors may take academic action that ranges from denial of credit for the assignment or a grade of "F" on a specific assignment, examination or project, to the assignment of a grade of "F" for the course. Students may also be subject to further sanctions imposed by the judicial officer, such as disciplinary probation, suspension or dismissal from the College