

# Course Syllabus



## IDS3212: The Global Scientific Revolution and Its Impact on Quality of Life; Section RVC

headline

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**Office: CP216, MMC**  
**Office Hours: Virtual Office Hours**

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*\*\*Syllabus may be subject to change with reasonable advance notice, as deemed appropriate by the instructor.\*\**

### General Information

## Course Description and Purpose

The primary focus of this course is the advances in sciences and their application in technology in the last century, and how these advances have reshaped the lives of communities and radically altered their relationship with each other as well as with their environment. Specifically, how would the two science themes (renewable energy and information technology) and global dynamic systems such as economic development and socio-political/physical environment influence each other at the community level and national and international level.

This is a Global Learning Foundations course that counts towards your FIU Global Learning graduation requirement.

### Global Learning Course Objectives

- **Global Awareness:** Students will be able to critically analyze the interrelationship between advances in science and quality of life in different communities around the globe.
- **Global Perspective:** Students will be able to articulate multiple perspectives on the interrelationship between advances in science and quality of life in different communities.
- **Global Engagement:** Students will demonstrate a willingness to address issues arising from the way scientific advances impact the quality of life in communities around the globe.

This course is designed to explore how scientific advances change the lives of communities globally and teaches non-science majors basic concepts in energy and technology that they use in daily lives. Specifically, the course will focus on the production and consumption of renewable energies and innovative electronics in communication and medicine, and discuss their impact on the global economy and the quality of life of communities across the globe.

**Science Simulation Experiments:** Students will be able to learn scientific concepts by engaging in online interactive simulation exercises.

**Thought Experiments:** Students will be engaged in the investigation of global issues for each thought experiment. At the first stage, students will be able to provide individual reports as to the outcome of their thought experiment. At the second stage, teams of students will be ready to engage in group discussions to discuss the questions in chat rooms and produce a team report on the same issue.

**Global Engagement in Labs:** The students will be able to integrate the scientific simulation and thought experiments to come up with solutions and proposals as to how governmental and non-governmental organizations in their communities can use the advances in sciences more effectively.

## Important Information

Before starting this course, please review the following pages:

- [Policies](#)
- [Technical Requirements and Skills](#)
- [Accessibility and Accommodation](#)
- [Academic Misconduct Statement](#)
- [Panthers Care & Counseling and Psychological Services \(CAPS\)](#)

## Course Prerequisites

There are no prerequisites for this course.

## Textbook and Course Materials

*No Textbook Required*

This course will include multiple readings that represent diverse perspectives on low-emission energy source, information technology, globalization, and their social, economic, climate change, and environmental impacts. (see reading lists in modules of week-1, authored by Kwame Appiah; week-9, authored by Maria Kaminskaya; and week 11, authored by Jocelyne Sambira).

## Expectations of this Course

This is an online course, which means most (if not all) of the coursework will be conducted online. Expectations for performance in an online course are the same for a traditional course. In fact, online courses require a degree of self-motivation, self-discipline, and technology skills which can make these courses more demanding for some students.

Do not copy without the express written consent of the instructor.

## Students are expected to:

- review the "Get Started" information located in the course content;
- introduce yourself to the class during the first week by posting a self-introduction in the appropriate discussion forum;
- take the practice quiz to ensure that your computer is compatible with Canvas;
- engage online with instructor and peers;
- log into the course no later than Wednesday of each week for the new module;
- respond to discussion boards, blogs, and journal postings by the end of the week;
- submit assignments by the corresponding deadline;
- meet the requirement of co-curricular activity by watching TedTalk videos that discusses climate change and submitting an Essay in week 9. (see Week 9 outline for details)

## The instructor will:

- log in to the course every day of the weekdays and once on weekends no later than Sunday noon;
- respond to discussion boards, blogs and journal postings within 2 days;
- respond to messages within 2 days;
- grade assignments within 7 days of the assignment deadline.

## Course Detail

### Course Communication - How to contact your professor

Communication in this course will take place via **Canvas** messages.

The message feature is a private, internal Blackboard only communication system. Users must log on to the Canvas system to send/receive/read messages. There are no notifications in Blackboard to inform users when a new message has been received; therefore, it is recommended that students check their messages routinely to ensure up-to-date communication.

This is the best method to communicate with your instructor privately.

**LiveChat:** It will be used during the online office hours.

### Discussions

Keep in mind that your discussion forum postings will likely be seen by other members of the course. Care should be taken when determining what to post.

Discussion forums will be used for introductions, class discussions and other postings of general interest that are directly related to the course.

Using the Introduce Yourself forum in the Discussion Board page of the course, introduce yourself to the class. This post will earn you 2 extra credit points. Due by second Sunday at 11:59PM.

## Assessments

In order to mitigate any issues with your computer and online assessments, it is very important that you take the "Practice Quiz" from each computer you will be using to take your graded quizzes and exams. It is your responsibility to make sure your computer meets the minimum hardware requirements.

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Some of the assessments in this course are not compatible with mobile devices and should not be taken through a mobile phone or a tablet. If you need further assistance please contact [FIU Online Support Services](http://online.fiu.edu/supportservices) (<http://online.fiu.edu/supportservices>).

- The "Midterm" and "Final Exam" are cumulative and will serve as assessment of students' Global Awareness.
- Week-9 "Essay" will serve as assessment of students' Global Engagement.
- Week-12 "Term Paper Outline" is an active and collaborative group project that students will be engaged in through online chat and discussion forum on CANVAS, and will be assessed as a group project.
- Week-13 "Term Paper: Global Perspective on Globalization" will serve as assessment of students' Global Perspective.
- Global Awareness Test: Due at assigned time and will serve as pre- and post-test to assess students' evolving and developing global perspective.

*An 'Overdue Assignment' may receive, at instructor's sole discretion, reduced credit (up to 100%), while the 'Past Assignment' will be accepted.*

A note about interim grade in CANVAS: currently CANVAS does not have the functionality of assessing interim grade with weighting factors for exams and homework (see table below for weighting factors), therefore the interim grade posted in CANVAS is for rough estimate only.

Please note that the following information only applies if your course requires the use of the Respondus LockDown Browser to take assessments.

- Review the [Respondus LockDown Browser Instructions](https://web.respondus.com/he/lockdownbrowser/) (<https://web.respondus.com/he/lockdownbrowser/>) on how to install, access your assessments and view your grades.
- After installing the browser, please take the Practice Quiz to familiarize yourself with the testing environment and to ensure that you have downloaded the Respondus LockDown Browser correctly.

## Assignments

In addition to the Midterm and Final Exams, there will be 13 assignments accessible from the Assignment Menu. Normally they are due on Sundays by 11:59 PM, check the course calendar below for exact dates.

Please note that the following information only applies when your course requires the use of Turnitin to submit your assignments.

- Review the detailed [#:~:text=The%20Turnitin%20is%20a%20plagiarism,and%20students%20on%20written%20work.\)](https://lakeland.instructure.com/courses/1186804/pages/how-to-submit-a-turnitin-assignment?module_item_id=132495) Turnitin Instructions ([#:~:text=The%20Turnitin%20is%20a%20plagiarism,and%20students%20on%20written%20work.\)](https://lakeland.instructure.com/courses/1186804/pages/how-to-submit-a-turnitin-assignment?module_item_id=132495) on how to submit your assignments and how to review the Grademark comments (feedback) from your professor.

### Adobe Connect (replaced by CANVAS imbedded ZOOM meetings)

Adobe Connect is an online meeting room where you can interact with your professor and fellow students by sharing screens, sharing files, chatting, broadcasting live audio, and taking part in other interactive online activities. We will be utilizing this tool to conduct office hours.

Meetings will be available on the following dates: **By Appointment Only**

### Requirements for using Zoom Connect:

- Refer to CANVAS integrated Zoom application.

# Grading

## grade schedule

Course Requirements	Weight
Midterm & Final Exam	20% each
Term Paper and Outline	15% & 5%
Homework (10 assignments)	30%
Week-9 Essay	10%
<b>Total</b>	<b>100%</b>

Letter Grade Distribution Table

Letter	Range %	Letter	Range %	Letter	Range %
A	95 - 100	B	80 - 89	C	60 - 69
A-	90 - 94	B-	75 - 79	D	45 - 59
B+	85 - 89	C+	70 - 74	F	44 or less

Course Calendar

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