

**LEAD CITY UNIVERSITY
FACULTY OF ARTS AND EDUCATION
DEPARTMENT OF ARTS AND SOCIAL SCIENCE EDUCATION**

COURSE PARTICULARS

Course Code:	SSE 311
Course Title:	Study of Events in Space
No of Units:	2
Status:	Compulsory
Semester:	2018/2019 Second Semester

LECTURER DETAILS

Name:	Dr. Mojirade AYANTUNJI
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Introduction

Space is the physical universe beyond the earth's atmosphere. It is the near-vacuum extending between the planets and stars. Space is the dimensions of height, depth, and width within which all things exist and move. In the space there is the movement of moon, asteroids, comets and other elements like satellites. A satellite is a moon, planet or machine that orbits a planet or star. For example, Earth is a satellite because it orbits the sun. Likewise, the moon is a satellite because it orbits Earth. The orbiting of the moon and the earth in the space leads to eclipse. Satellites help man in so many areas on earth. Another event is gravitation. Gravity is very important to man. We could not live on Earth without it. The sun's gravity keeps Earth in orbit around it, keeping us at a comfortable distance to enjoy the sun's light and warmth.

Course Description

This course will help the student to acquire knowledge about (events) that is taking place in space. The interaction of the earth with other elements in the space and their effects will be examined.

Course Objective

At the end of the lesson, the students should be able to:

1. describe space and its characteristics;
2. explain asteroids in Space and its impact ;

3. describe comets and how it travels in space;
4. explain the meaning of eclipse of the sun and moon; and
5. discuss the nature of things that Orbits in Space.

Teaching Plan

Week 1: Conceptual Clarification

Week 2: Space and its Characteristics

Week 3: Asteroids in Space and it's impart

Week 4: Sources of Asteroids and Differences

Week 5: Comets and its Description

Week 6: How Comets Travel in Space

Week 7: Eclipse of the Sun

Week 8: Eclipse of the Moon

Week 9: Nature of things that Orbits in Space

Week 10: Satellites

Week 11: Satellites and their Roles

Week 12: Gravity

Week 13: Rockets and Missiles

Week 14: Revision

Week 15: Examination

References

McClure, Bruce. 2018. Century's Longest Lunar Eclipse July 27. Earth Sky. Retrieved January 17, 2019.

Bailey, Sarah Pulliam. 2014. Blood moon' sets off apocalyptic debate among some Christians. Washington Post. Religion News Service. Retrieved January 18, 2019.

Skinner, B. J. and Porter, S. C. Physical Geology, page 17. The Earth: Inside and Out, 1987, John Wiley & Sons.

Assessment

Attendance	= 10%
Class Test	= 20%
Term Paper	= 10%
Examination	= 60%
Total	= 100%

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Tutorial Questions

1. Define any five of the following Concepts
 - a. Satellite
 - b. Space
 - c. Orbits
 - d. Asteroids
 - e. Eclipse
 - f. Satellites
2. Describe what you understand by space and its Characteristics.
3. What are Asteroids in Space?
4.
 - a. Where are Asteroids from?
 - b. Mention the differences in asteroids.
5. What are Comets?
6. How does Comets travel in Space?
7.
 - a. What do you understand by Eclipse of the Sun?
 - b. List and explain types of eclipse of the Sun
8.
 - a. What do you understand by Eclipse of the Moon?
 - b. List and explain types of eclipse of the
9. Describe with examples the Nature of things that Orbits in Space
10.
 - a. What is an Orbit?
 - b. What is a satellite?
 - c. List the importance of Satellite?
11. List and explain the different types of Satellites and their Roles
12.
 - a. What is Gravity?
 - b. What is the importance of Gravity on Earth?
13. What are Rockets and Missiles?