



**JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND
TECHNOLOGY**

**School of Business and Economics
Department of Tourism and Management**

BTM 3112: EAST AFRICAN ENVIRONMENT AND TOURISM

Year 1 Semester 1 Examination

INSTRUCTIONS TO CANDIDATES

Answer **question one** and any other **two** questions from this paper

QUESTION ONE (30 MARKS)

- a) Define the following terms in relation to East African environment and tourism (6 Marks)
- i. Culture
 - ii. Physical environment
 - iii. Drainage basin
 - iv. Rifting
 - v. Environment
 - vi. Tourism
- b) List and explain the concepts and components of East African ecology (6 Marks)
- c) Categorise all the twelve East African countries into the three sub-regions (6 Marks)
- d) Describe the relationship that exist between tourism and environment (6 Marks)
- e) Using clearly labelled diagrams, distinguish between an over fold and an over thrust fold (6 Marks)

QUESTION TWO (20 MARKS)

- a) By giving relevant examples, state five physical features found in East Africa (5 Marks)
- b) Discuss any five economic activities in East Africa that is shaping the tourism industry today (15 Marks)

QUESTION THREE (20 MARKS)

- a) Discuss how tourism has affected environment in East Africa (16 Marks)
- b) What is the importance of soil in shaping tourism activities in East Africa? (4 Marks)

QUESTION FOUR (20 MARKS)

- a) Discuss how faulting has affected tourism in East Africa (15 Marks)
- b) Outline and explain five attractions and tourism products in East Africa (5 Marks)

QUESTION FIVE (20 MARKS)

- a) Describe the relevancy of drainage systems to East African environment and tourism (15 Marks)
- b) Outline and explain five attractions and tourism products in East Africa (5 Marks)

JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY COLLEGE
SCHOOL OF BUSINESS AND LEGAL STUDIES

COURSE CODE & TITLE: BTM 3112 - EAST AFRICAN ENVIRONMENT AND TOURISM

COURSE LECTURER: MR GEORGE OTIENO

YEAR 1, SEMESTER I

1. **Introduction:** Tourism involves exploring new areas. An understanding, awareness & sensitivity to the general environment lead to its appreciation. The knowledge of the existence of natural as well as man-made environment brings home the point that nature and man can co-exist together. Course provides knowledge of the different components of the environment and how human beings interact with it.

2. **Course Description:** A survey of the physical geography of East Africa; landform including the Rift Valley and associated highlands. Geographical structure and soils. Climatic background; the unexpected aridity of East Africa. Ecological variability. East Africa as a cultural heath of man. People and cultures of East Africa both past and present. Comparative study of the demographic situation. Research potentials and exploitation including agriculture, forestry, wildlife, minerals. Economic infrastructure industry, transport and communications, trade, banking. Tourism attractions and products, facilities, services and infrastructure development alternatives for East Africa. Students' understanding is vital since tourism in Africa and East Africa in particular is mainly nature based.

3. **Course Objective:** The main objective of this course is to introduce students to the concept of environment and how it relates to tourism from the perspective of the East Africa geography.

4. **Learning Objectives:** After completing this course, students should be able to:-
 - Critically analyses environmental issues, features and influence on tourism development in East Africa.
 - Describe the geographical structure of East Africa including climate, landforms, drainage, vegetation etc. in relation to tourism activities in East Africa
 - Explain the relationship between human and physical environment in shaping tourism activities in East Africa.
 - Demonstrate and understanding of the East Africa ecology including its components, history, values in tourism ecological measurements etc.
 - Identify and discuss various perspectives of peopling and culture in East Africa
 - Explain the East African economic environment in relation to tourism development

5. Course Content

Key Topics	Content
5.1 Introduction to East Africa Environment and Tourism (8 Hours)	<ul style="list-style-type: none"> ▪ Definition of terms and concepts ▪ Physical geography of East Africa ▪ Key environmental issues in East Africa ▪ Environmental features in East Africa ▪ Relationship between tourism and the environment ▪ The influence of environment on tourism development ▪ Attractions and tourism products in East Africa ▪ Tourism facilities in East Africa ▪ Alternative tourism products for East Africa ▪ Environmental impacts of tourism
5.2 The Physical Environment (6 Hours)	<ul style="list-style-type: none"> ▪ Land forming processes responsible for the physical environment ▪ Geographical structure and soils
5.3 East Africa Drainage System (7 Hours)	<ul style="list-style-type: none"> ▪ Evolution of the East African drainage system ▪ Significance of drainage system to Tourism
5.4 East Africa Ecology and its Significance in Tourism	<ul style="list-style-type: none"> ▪ Concepts and components of ecology ▪ Natural history of East African mammals, avifauna, reptiles and

(6 Hours)	<p>amphibians and vegetation</p> <ul style="list-style-type: none"> ▪ Relationships between biotic and abiotic factors ▪ Energy flow in ecosystem ▪ Economic, biological and cultural values of plants and animals to tourism. ▪ Ecological measurements: animal census, ground and aerial surveys etc. and analysis in tourism
5.5 People and Culture of East Africa (9 Hours)	<ul style="list-style-type: none"> ▪ Meaning of culture ▪ Historical perspective of East African culture ▪ The peopling of East Africa, population growth and significance to Tourism ▪ The demography of East Africa ▪ Human impact on the distribution of fauna and flora
5.6 Economic Environment of East Africa (6 Hours)	<ul style="list-style-type: none"> ▪ Economic activities and tourism development, ▪ Transport and communications systems in East Africa ▪ Trade and the banking sectors in East Africa ▪ Agricultural activities and agro-tourism

Course Evaluation: This course will be evaluated as indicated below

Type	Points	Percentage	Due Date
Attendance	50 (5 each)	5%	Each class
Assignments #1 and #2 and presentations	100 (50 each)	10%	Check details
Continuous Assessment Test CAT # 1 and # 2	60 (30 each)	15%	Week 5 & 7
Final Exam	70	70%	End of semester
Total	280	100%	

Attendance

Each absence that is not excused by a lecturer in advance will reduce 5 points from your attendance score of 50. If a student misses more than 5 classes (25 points deduction), additional 5 points per each additional absence will be deducted from the final score of course without limit.

- Up to 2 absences will NOT be penalized.
- Excuses to miss class will be considered only when family or health emergency occurs and only that is documented.
- Leaving class early due to a special occasion should be notified to your instructor prior to the beginning of classes. Attendance credit will be given based on the length of hours stayed in a class.
- It will be the student's responsibility to sign in on attendance sheets for each class.

Assignments

Students are required to submit each assignment to the lecturer and ensure that s/he sign against their names that they have submitted. Each assignment should be typed and printed on size A4 paper (font style: times new roman, black, spacing 1.5; text alignment should be justified and be between 10 and 15 pages). Assignments will be submitted in the next two weeks once given. Late submission will not be accepted.

6. Suggested Reading/Reference Materials

- Andrew Holden (****). *Environment and Tourism*. (2nd E.d.). Routledge, Taylor and Francis Group, 0-415-39955-6.
- Backle, C. (1987). *Landforms in Africa*. Longman Ltd
- Bush, M.K. (2000). *Ecology of a Changing Planet*. Prentice Hall, NJ
- Herlocker, D.J. (1999). *Rangeland Resources in East Africa: Their Ecology and Development*
- Middleton, W. (1995). *The Global Casino: An introduction to Environment Issues*
- Additional course material will be provided

7. Academic Integrity

Academic integrity is central to the mission of educational excellence at Jaramogi Oginga Odinga University of Science and Technology. Each student is expected to turn in work completed independently, except when assignments specifically authorize collaborative effort. It is not acceptable to use the words or ideas of another person, be it a world-class philosopher or your roommate, without proper acknowledgement of that source. This means that you must use citations to indicate the source of any phrases, sentences, paragraphs or ideas found in published volumes, on the internet, or created by another student. If you are in doubt about the instructions for any assignment, you must ask for clarification.