

UNIVERSITY OF DELTA, AGBOR, NIGERIA
COMPUTING
COMPUTER SCIENCE
B.Sc. Information and Communication Technology

UNIDEL-ICT 105: ICT in Society (3 Units; Compulsory; LH=30 ;PH=0)

Senate-approved Relevance

The training of high-skilled graduates who are conversant with the current and future issues, chances, and solutions on Information and Communication Technology (ICT) and related activities in Delta State and Nigeria in General while identifying and evaluating the impact of ICT to ensuring the safety of data and maintaining cyber hygiene within the cyberspace in modern business and other industries within Nigeria is in tandem with the vision and mission of the University of Delta, Agbor. This ensures that Information and Communication Technology graduates with demonstrable potentials and necessary skill-set to attend to trending issues in. The relevance of this is seeing and producing ICT graduates of the University of Delta, Agbor being versed in ICT and its emerging trends of securing of data and systems in order to appropriately respond and manage ICT related activities within the context of global, multinational socio-cultural, interreligious and legal perspective with emphasis on Nigeria.

Overview

We live in a world of rapid technological innovation. The emerging realities have suggested that these innovations have allowed significant changes in the ways that we communicate and interact with forms of media. The technologies related to communications have created a culture surrounding how we see, hear, read, and use information and significantly impacted politics, economics, policy etc.

This course explores on issues, obstacles and solutions on ICT implementation and its related activities in Delta State, Nigeria, and the world as well as the impact towards Nigeria society and the world. Both positive and negative impacts on ICT implementation is examined and discussed. Most recent issues are open for discussion. This will ensure that students are updated with the current issues.

Objectives

The objectives of this course are to: (i) Explain how the adverse effects of ICT if misused and ethical issues to individual, community and country could be justified. (ii) Determine external and internal threats to Nigeria society using ICT (iii) Identify the current ICT revolution in Nigeria and the world in general(iv) Analyze the goodness and badness of globalization and importance of e-learning to individual, community and country (v) Identify the concept of cyber liberalization, laws, and review on Knowledge economy implementation in Nigeria.(vi) Explain to students the current and future issues of ICT, chances, and challenges in ICT in Nigeria and the world (vii) Describe the major developments in the social history of information and communication technologies and their social/cultural consequences (viii) Identify major information-related social issues in contemporary society, and describe the various perspectives that characterize current debates on those issues.(ix) Describe and discuss the various theories related to various ICTs and be able to recognize the influence of the theories in current discussions (x) Discuss the

development of information society as distinguished from previous eras and formations, the views on its prevalence and significance, and its social, cultural and institutional manifestations.

Learning Outcomes

Upon completion of this course, students should be able to: (i) Describe and discuss the concepts of information society, network society, digital divide, communication for development and social change, (ii) Explain the emergence of ICT and demonstrate in-depth knowledge of the driving forces and processes behind the development of ICT; (iii) Describe and analyze how ICT interacts with different contextual factors in both Nigeria and other countries of the world. (iv) Identify key factors, challenges and questions in relation to the application of ICTs to specific development goals in both technologically savvy and developing country contexts like Nigeria (v) Discuss the social, political and cultural implications of unequal distribution of ICT in various contexts (vi) Discuss and reflect on challenges, opportunities and threats with new technology (vii) Discuss the generic contribution of ICTs as a tool for social change in Nigeria and outside Nigeria

Course Content

Introduction to ICT Revolution, ICT, Globalization, ICT Revolution & Education, Cyber Liberalization, Economy in Computer Revolution & Cyber Corporation, Theories of Communities and Technologies, Theoretical foundations of ICTs and communities, Public sphere and the communities, Social capital and communities, Communication infrastructure and communities, Physical and Virtual communities, Community computer networks and Community technology centers, Imagined and Virtual communities, Rural and urban communities: The Digital Divide and Inequality, Nonprofit and social movement communities, Civic engagement and community development, Ethnic transnational and global committees

Minimum Academic Standard:

NUC minimum academic standard requirements for facilities.