# UNIVERSITY OF DELTA, AGBOR, NIGERIA
## Faculty of Computing
## Department of ICT

### ICT 101 – INTRODUCTION TO INFORMATION TECHNOLOGY (Credit Units: 2)

**Lecturer**: Mr Okoh Ogechukwu Lucky
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**Office Hours**: Monday, Tuesday, Wednesday, Thursday & Friday 8:00am - 4:00 pm

There are many ways to reach me. There is no substitute for face-to-face communication which often leads to more refined and focused questions resulting in your improved understanding. I strongly encourage you to take advantage of my office hours. Questions during class or immediately after class are always welcomed. Email is an easy way to ask questions outside of class but is not productive as face-to-face communication.

**Meeting Time and Place**: Wednessdays, 09:00am to 11:00am, FOC LH 4

## Attendance
You are expected to attend every class. If you must miss a class, it is your responsibility to make up for the work that you missed. If you are going to be absent from any class, you must please notify the instructor in advance. With 70% Class attendence the student will be eligeble to particpate in the exam.

## Methods of Instruction
This syllabus contains an overview of what will be covered in class; for specific information, students are referred to the class web page maintained on the University website. Assignments will be posted on University of Delta LMS or given in the class and should be submitted through University of Delta LMS. Class attendance, doing all your practical and homework will help the borderline cases.

## Overview
These course, Introduction to information technology introduce the student to the proper utilization of computers, networking, data storage and connected devices, along with the understanding of basic infrastructure and processes involved, to facilitate activities involved in communication technology solutions..

## Objectives
The objectives of this course are to:
(i)  Understand information technology;
(ii)  Understand the concepts of information technology;
(iii)  Identify issues in information technology;
(iv)  Understand major technology in information technology;
(v)  Identifying current trends with information technology and it's application to human applications;

## Learning outcomes
Upon completion of this course, should be able to:
(i)  Explain the concept behind information technology ;
(ii) Explain major issues in information technology;
(iii) Describe the majot technique involved in information technology;
Describe major trends and it's application .

**Course Contents**

This course introduces concepts, issues, techniques and processes needed for completing and managing information technology project. Topics include: history, trends, and the human impact of information technology; project management tools, techniques and concepts. Team work, team building methods, oral and written communication is emphasized.

**Lecture Schedules**

| Week | Content | Lecture notes/slides |
|---|---|---|
| 1. | Defination of information technology, significant and areas of application | Lecture notes |
| 2. | Explanation of the concept of tnformation technology | Lecture notes |
| 3. | Explanation on the basic issues and common technology involved | Lecture notes |
| 4. | Discussion on the process in developing information tecnology project | Lecture notes |
| 5. | Test | Lecture notes |
| 6. | Current trends in information technology eg 5G technology | Lecture notes |
| 7. | Human inpact of information technology | Lecture notes |
| 8. | Project management tools in information technology Eg Jira | Lecture notes |
| 9. | Project management Techniques and concepts | Lecture notes |
| 10. | Test | |
| 11. | Project implimentation in terms of team work | Lecture notes |
| 12. | Project implimentation in terms of team building | Lecture notes |
| 13. | Project deployment method | Lecture notes |
| 14. | Revisions | |
| 15. | Final Exam | |

**Examination schedule**
- Attendance
- Homework
- Class Test
- Practical exercises
- End of Semester Exam

**Practical Exercises**
1: IT project management
2: Intorduction to Jira/Gith
3: Creating project on Jira/Gith
4: Using Internet resources & review of some IT projects
5: Project deployment on local or open source host

**Grading**
- Homework: 10% of grade
- Practical: 10% of grade
- Accessment: 10% of grade
- Final Exam: 70% of grade

**Text & References**
*James R. Clifton et al(2021)*,Applications of Computers and Information Technology.
*Dr Richard Boateng(2009)*, Definitional Concepts of Information Technology.
*Megha Gokhe (2020),* Information and Communication Technology Hosneara Dalia Faculty of University of Dhaka
*Mostafa Obaidullah Chowdhury and Hosneara Dalia(2017)*, Assessment on the Students of Social Science Facult Information Technology (IT) and Teaching Method.
*Jude Orazulike (2022)*, Successful Information Technology Project Process Management Best Practices

**Student Conduct**
All students enrolled at the University shall follow the tenets of common decency and acceptable behaviour conducive to a positive learning environment. The code of student conduct is described in detail in the student handbook or University website.

**Academic Honesty**
"All students enrolled at the University shall follow the tenets of common decency and acceptable behaviour conducive to a positive learning environment." It is the policy of the University, that no form of plagiarism or cheating will be tolerated. Plagiarism is defined as the deliberate use of another's work and claiming it as one's own. This means ideas as well as text or code, whether paraphrased or presented verbatim (word-for-word). Cheating is defined as obtaining unauthorised assistance on any assignment. Proper citation of sources must always be utilised thoroughly and accurately. If you are caught sharing or using other people's work in this class, you will receive a 0 grade and a warning on the first instance. A subsequent instance will result in receiving an F grade for the course, and possible disciplinary proceedings. If you are unclear about what constitutes academic dishonesty, ask.