**نيجيرياجامعةالحكمة،إلورن،**

**AL-HIKMAH UNIVERSITY, ILORIN, NIGERIA**

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 **….a tradition of learning for wisdom and morality**

**FACULTY OF EDUCATION**

**DEPARTMENT OF SCIENCE EDUCATION**

**B.Ed. Educational Technology**

**2021/2022 Session**

**COURSE OUTLINE**

COURSE CODE: EDT 218

COURSE TITLE: Educational Technology I: Software

CREDIT UNITS: 2

LECTURE DAY(S): Tuesdays; 8am – 10am

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| **LECTURE PERIOD** | **TOPIC** | **COURSE****LECTURER(S)** |
| Week 1 | Definition of Software* Definitions of Software
* Types of Software: System and Application
* System Software: Operating System
* Application Software: Educational Software
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| Week 2 | Types of Educational Software* Meaning of Educational Software
* Types of Educational Software
* Classification based on purpose
* Drill and Practice
* Problem Solving
* Tutorial
* Games
* Demonstration
* Simulation
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| Week 3 | Types of Educational Software* Types of Educational Software
* Classification based on Specifics
* Courseware
* Classroom Aids
* Assessment
* Reference
* Custom Platforms
* Corporate Training
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| Week 4 | Design Processes in Educational Software* Principle of Software Design
* Stages in Software Design
* Universal Design Guidelines
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| Week 5 | Software Development Cycle |  |
| Week 6 | Educational Software Evaluation Process* Meaning and Types of Software Evaluation
* Software Evaluation Procedure
* Specifications in Software Evaluation
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| Week 7 | **Continuous Assessment** |  |
| Week 8 | Software Testing Strategies |  |
| Week 9 | Educational Software and Pedagogical Principles* Pedagogical Principle
* User-Friendly Interface
* Software –User Interaction
* Learning Experience Enhancement
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| Week 10 | Educational Software Design Models* Models in Software Design
* X-Raying Models of Software Design
* Scripting, Storyboarding and Flowcharting
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| Week 11 | **Continuous Assessment** |  |
| Week 12 | **Revision** |  |
| Week 13 | **Revision** |  |
| Week 14 | **Examination Period** |  |
| Week 15 | **Examination Period** |  |