



# The Presbyterian University of East Africa

P.O. Box 387 - 00902, Kikuyu, Kenya  
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 School of Computer Science

## BACHELOR OF COMPUTER SCIENCE

### UNITS ON OFFER

#### 1<sup>st</sup> YEAR – TRIMESTER 1

CODE	COURSE NAME
UCC 122	Introduction To Biblical Thought And Its Life Application.
UCC111	Principles and Processes of Communication
ELE 101	Semi-Conductor
UCC 113	Introduction to Computers

#### 2<sup>nd</sup> YEAR – TRIMESTER 2

CODE	COURSE NAME
COP206	Information Systems Management
COP207	Artificial Intelligence
COP208	Internet Application Development
COP209	Advanced Database Management
COP210	Compiler Design And Construction
COP211	Distributed Systems
COP212	Info Systems Audit & Frameworks

#### 3<sup>rd</sup> YEAR – TRIMESTER 2

CODE	COURSE NAME
COP308	Human Computer Interaction
COP317	Database Development, Administration And Maintenance
COP310	Programming Language Paradigms
COP311	Computer Graphics
COP312	Research Methodology

#### *Plus 2 courses selected from the following electives:*

COP 313	Control Applications Of Computers
COP 315	Microprocessor Design
COP 316	CAD/ CAM Manufacturing Techniques
COP 410	Internet Information Systems Development

#### 4<sup>th</sup> YEAR – TRIMESTER 2

CODE	COURSE NAME
COP411	Computer Systems Project
COP412	Organizational Management
COP315	Microprocessor Design
COP414	Operational Research Techniques

#### *Plus 2 courses selected from the following electives*

COP 415	Strategic Information Systems
COP 416	Multi Agent Technology
COP 417	Software Project Management
COP 418	Data Mining & Warehousing