



UNIVERSITY OF GHANA

Academic Affairs Directorate

P. O. Box LG25, Legon-Ghana, E-mail: academic@ug.edu.gh

TRANSCRIPT OF ACADEMIC RECORD

THE LOGO OF THE UNIVERSITY IS PRINTED IN BLUE NUMISMATIC

BLACK AND WHITE DOCUMENT IS NOT OFFICIAL

Name: **AKYENA, KWAKU SARFO**

Student Number: 10671807

Degree Awarded: BACHELOR OF SCIENCE IN ENGINEERING

Date of Birth: 01-SEP-1999

Major: Computer Engineering

Sex: Male

Date of Award: 21 November 2021

Date Printed: 26 January 2022

FGPA: 3.16 Class: SECOND CLASS HONS (UPPER DIV)

ACADEMIC YEAR: 2017/2018 BACHELOR OF SCIENCE IN ENGINEERING

FIRST SEMESTER LEVEL 100 CCT: 18 CCP: 18 GPA: 2.92 CGPA: 2.92

Code	Course Title	Credit	Grade	GPT
CPEN101	ENGINEERING COMPUTATIONAL TOOLS	2	A	8.00
FAEN101	ALGEBRA	4	C+	10.00
FAEN103	BASIC MECHANICS I	3	C	6.00
FAEN105	ENGINEERING DRAWING WITH CAD	3	B+	10.50
FAEN109	GENERAL PHYSICS	3	C+	7.50
UGRC110	ACADEMIC WRITING I	3	B+	10.50

SECOND SEMESTER LEVEL 100 CCT: 36 CCP: 33 GPA: 1.94 CGPA: 2.43

Code	Course Title	Credit	Grade	GPT
CPEN102	INTRODUCTION TO DATABASE SYSTEMS	3	D+	4.50
FAEN102	CALCULUS I	4	C	8.00
FAEN106	APPLIED ELECTRICITY	3	E	1.50
FAEN108	BASIC ELECTRONICS	3	C	6.00
FAEN112	C PROGRAMMING	2	B	6.00
UGRC150	CRITICAL THINKING AND PRACTICAL REASONING	3	B	9.00

ACADEMIC YEAR: 2018/2019 BACHELOR OF SCIENCE IN ENGINEERING

FIRST SEMESTER LEVEL 200 CCT: 54 CCP: 51 GPA: 3.17 CGPA: 2.68

Code	Course Title	Credit	Grade	GPT
CPEN201	C++ PROGRAMMING	3	B+	10.50
CPEN203	DIGITAL CIRCUITS	3	B+	10.50
CPEN205	DISCRETE MATHEMATICAL STRUCTURES	2	C+	5.00
CPEN207	INTRODUCTION TO SOFTWARE ENGINEERING	3	A	12.00
FAEN201	CALCULUS II	4	C+	10.00
UGRC231	INTRO. TO AFRICAN STUD: GENDER & DEVELOPMENT	3	B	9.00

SECOND SEMESTER LEVEL 200 CCT: 69 CCP: 63 GPA: 2.67 CGPA: 2.67

Code	Course Title	Credit	Grade	GPT
CPEN202	COMPUTER SYSTEMS DESIGN	2	B	6.00
CPEN204	DATA STRUCTURES AND ALGORITHMS	3	E	1.50
CPEN206	LINEAR CIRCUITS	3	A	12.00
FAEN202	DIFFERENTIAL EQUATIONS	4	C+	10.00

NOTE: CCT: Cumulative Credits Taken CCP: Cumulative Credits Pass GPA: Grade Point Average CGPA: Cumulative Grade Point Average



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Code	Course Title	Credit	Grade	GPT
FAEN206	TECHNICAL REPORT WRITING	3	B+	10.50

ACADEMIC YEAR: 2019/2020 BACHELOR OF SCIENCE IN ENGINEERING

FIRST SEMESTER LEVEL 300 CCT: 87 CCP: 81 GPA: 3.08 CGPA: 2.76

Code	Course Title	Credit	Grade	GPT
CPEN301	SIGNALS AND SYSTEMS	3	A	12.00
CPEN303	COMPUTER ARCHITECTURE	3	B	9.00
CPEN305	COMPUTER NETWORKS	3	C	6.00
CPEN307	OPERATING-SYSTEMS	3	A	12.00
CPEN309	PROGRAMMING LANGUAGE FUNDAMENTALS	3	D+	4.50
FAEN301	NUMERICAL METHODS	3	A	12.00

SUPPL. EXAMS - DEC/JAN LEVEL 300 CCT: 87 CCP: 84 GPA: 2 CGPA: 2.81

Code	Course Title	Credit	Grade	GPT
CPEN204	DATA STRUCTURES AND ALGORITHMS	3	C	6.00

SECOND SEMESTER LEVEL 300 CCT: 108 CCP: 105 GPA: 3.74 CGPA: 2.99

Code	Course Title	Credit	Grade	GPT
CPEN302	COMPUTER SYSTEMS ENGINEERING	3	A	12.00
CPEN304	DIGITAL SIGNAL PROCESSING	3	B	9.00
CPEN306	MICROELECTRONIC DEVICES AND CIRCUITS	3	B+	10.50
CPEN308	FUNDAMENTALS OF INFORMATION TRANSMISSION	2	B+	7.00
CPEN312	OBJECT ORIENTED PROGRAMMING	3	A	12.00
CPEN314	INDUSTRIAL PRACTICE	1	A	4.00
FAEN302	STATISTICS FOR ENGINEERS	3	A	12.00
UGRC133	UNDERSTANDING HUMAN SOCIETIES: BUSINESS & ECON	3	A	12.00

ACADEMIC YEAR: 2020/2021 BACHELOR OF SCIENCE IN ENGINEERING

FIRST SEMESTER LEVEL 400 CCT: 129 CCP: 126 GPA: 3.5 CGPA: 3.07

Code	Course Title	Credit	Grade	GPT
CPEN400	INDEPENDENT PROJECT	6	A	24.00
CPEN401	CONTROL SYSTEMS ANALYSIS AND DESIGN	3	C+	7.50
CPEN403	EMBEDDED SYSTEMS	3	A	12.00
CPEN405	ARTIFICIAL INTELLIGENCE	3	C+	7.50

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CPEN409	COMPUTER GRAPHICS	3	A	12.00
FAEN401	LAW FOR ENGINEERS	3	B+	10.50

SECOND SEMESTER LEVEL 400 CCT: 144 CCP: 141 GPA: 3.1 CGPA: 3.08

Code	Course Title	Credit	Grade	GPT
CPEN402	ADVANCED COMPUTER ARCHITECTURE	3	B+	10.50
CPEN404	COMPUTER VISION AND ROBOTICS	3	B	9.00
CPEN406	WIRELESS COMMUNICATION SYSTEMS	3	B+	10.50
CPEN412	WEB SOFTWARE ARCHITECTURE	3	B	9.00
FAEN402	PRINCIPLES OF MANAGEMENT AND ENTREPRENEURSHIP	3	C+	7.50

Director (Academic Affairs Directorate)

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GRADING SYSTEM

The University of Ghana has since 2010/2011 Academic year introduced a Four -Year Bachelor's degree programme and has subsequently revised the grading system as follows:

Undergraduate and Sub-degree Programmes:

<u>Grade</u>	<u>Grade Point</u>	<u>Interpretation</u>
A	4.00	Outstanding
B+	3.50	Very Good
B	3.00	Good
C+	2.50	Fairly Good
C	2.00	Average
D+	1.50	Below Average
D	1.00	Marginal Pass
E	0.50	Unsatisfactory
F	0	Fail

Graduate Programmes:

<u>Grade</u>	<u>Grade Point</u>	<u>Interpretation</u>
A	4.00	Excellent
B+	3.50	Very Good
B	2.50	Good
C	2.00	Pass
D	1.50	Fail
F	1.00	Fail

Other Grades:

<u>Grade</u>	<u>Grade Point</u>	<u>Interpretation</u>
X	0	Fail
Z	0	Disqualification
I	0	Incomplete
Y	0	Continuing
AUDI	0	Audit

Audit: A grade AUDI shall be awarded for attendance at lectures without examination, or where an examination is taken, no mark is returned for good reasons.

CLASSIFICATION OF DEGREE

The classification of the undergraduate degree is based on the value of the Final Grade Point Average (FGPA).

All end-of-semester examination results from Level 100, including University and Faculty/School required courses, are taken into account in the computation of the FGPA for the classification of the Bachelor's degree.

The **Grade AUDI** is not taken into account in the calculation of the FGPA.

The full scheme of classification is as follows:

Bachelor's Degree Programmes:

<u>Class of Degree</u>	<u>Range of FGPA</u>
First Class	3.60 - 4.0
Second Class (Upper Division)	3.00 - 3.59
Second Class (Lower)	2.00 - 2.99
Third Class	1.50 - 1.99
Pass	1.00 - 1.49
Fail (No Award)	0 - 0.99

Certificates/ Diploma Programmes:

<u>Classification</u>	<u>Range of FGPA</u>
Distinction	3.75 - 4.00
Pass	1.00 - 3.74
Fail (No Award)	0 - 0.99

Graduate Degree Programmes are not classified.

The authenticity of this transcript and any other enquiries should be addressed to:

THE DIRECTOR
ACADEMIC AFFAIRS DIRECTORATE
UNIVERSITY OF GHANA
P. O. BOX LG 25
LEGON, GHANA

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