



# KWAME NKRUMAH

University of Science and Technology

ACADEMIC TRANSCRIPT

Issued on: 6th November 2024.

Name: MUSAH, Toufiq

Student ID: 20738160

Programme of Study: BSC. BIOMEDICAL ENG.

Index Number: 3051720

## FIRST YEAR - FIRST SEMESTER 2020-2021 ACADEMIC YEAR

Course Code	Course Name	Credits	Mark	Grade
BME 161	CELL BIOLOGY	2	80	A
COE 153	ENGINEERING TECHNOLOGY	2	91	A
EE 151	APPLIED ELECTRICITY	3	78	A
ENGL 157	COMMUNICATION SKILLS I	2	72	A
MATH 151	ALGEBRA	4	74	A
ME 159	TECHNICAL DRAWING	2	84	A
ME 161	BASIC MECHANICS	3	85	A
		<b>Semester</b>	<b>Cumulative</b>	
		Credits Obtained:	18	18
		Grade Points	1,439.00	1,439.00
		Weighted Average:	79.94	79.94

## FIRST YEAR - SECOND SEMESTER 2020-2021 ACADEMIC YEAR

Course Code	Course Name	Credits	Mark	Grade
COE 152	BASIC ELECTRONICS	3	72	A
COE 158	INTRODUCTION TO INFORMATION TECHNOLOGY	2	79	A
EE 156	ELECTRICAL ENGINEERING DRAWING	2	82	A
ENGL 158	COMMUNICATION SKILLS II	2	68	B
MATH 152	CALCULUS WITH ANALYSIS	4	54	C
PHY 154	PROPERTIES OF MATTER	2	72	A
SOC 152	INTRODUCTION TO SOCIOLOGY II	3	82	A
SSN 166	BIOCHEMISTRY	2	69	B
		<b>Semester</b>	<b>Cumulative</b>	
		Credits Obtained:	20	38
		Grade Points	1,418.00	2,857.00
		Weighted Average:	70.90	75.18

## SECOND YEAR - FIRST SEMESTER 2021-2022 ACADEMIC YEAR

Course Code	Course Name	Credits	Mark	Grade
ECON 151	INTRODUCTORY ECONOMICS I	2	71	A
BME 251	BIOMEDICAL ENGINEERING DESIGN I	3	91	A
MATH 251	DIFFERENTIAL EQUATIONS	4	73	A
COE 271	SEMICONDUCTOR DEVICES	2	61	B
BME 253	C. PROGRAMMING	3	84	A
CENG 291	ENGINEERING IN SOCIETY	2	77	A
BME 285	ANATOMY AND PHYSIOLOGY FOR ENGINEERS I	4	78	A
ENGL 263	LITERATURE IN ENGLISH I	1	71	A
		<b>Semester</b>	<b>Cumulative</b>	
		Credits Obtained:	21	59
		Grade Points	1,618.00	4,475.00
		Weighted Average:	77.05	75.85



MT6000AF0F

For Verification, contact  
[transcript.coe@knust.edu.gh](mailto:transcript.coe@knust.edu.gh)

Page 1 of 3

Email Transcript



# KWAME NKRUMAH

University of Science and Technology

## ACADEMIC TRANSCRIPT

Issued on: 6th November 2024.

Name: MUSAH, Toufiq

Student ID: 20738160

Programme of Study: BSC. BIOMEDICAL ENG.

Index Number: 3051720

### SECOND YEAR - SECOND SEMESTER 2021-2022 ACADEMIC YEAR

<u>Course Code</u>	<u>Course Name</u>	<u>Credits</u>	<u>Mark</u>	<u>Grade</u>
BME 252	BIOMEDICAL ENGINEERING DESIGN II	3	88	A
BME 286	ANATOMY AND PHYSIOLOGY FOR ENGINEERS II	4	78	A
BME 288	CHEMICAL PATHOLOGY	2	64	B
COE 272	DIGITAL SYSTEMS DESIGN I	3	65	B
ECON 152	ELEMENTS OF ECONOMICS II	2	77	A
ENGL 264	LITERATURE IN ENGLISH II	1	67	B
MATH 252	CALCULUS WITH SEVERAL VARIABLES	4	73	A
		<u>Semester</u>	<u>Cumulative</u>	
		Credits Obtained:	19	78
		Grade Points	1,412.00	5,887.00
		Weighted Average:	74.32	75.47

### THIRD YEAR - FIRST SEMESTER 2022-2023 ACADEMIC YEAR

<u>Course Code</u>	<u>Course Name</u>	<u>Credits</u>	<u>Mark</u>	<u>Grade</u>
BME 397	RESEARCH METHODS	3	82	A
COE 351	OBJECT ORIENTED PROGRAMMING	4	98	A
COE 371	LINEAR ELECTRONIC CIRCUITS	3	70	A
COE 381	MICROPROCESSORS	3	88	A
MATH 351	NUMERICAL METHODS	2	74	A
TE 385	SIGNALS AND SYSTEMS	3	85	A
STAT 253	PROBABILITY AND STATISTICS	2	81	A
		<u>Semester</u>	<u>Cumulative</u>	
		Credits Obtained:	20	98
		Grade Points	1,677.00	7,564.00
		Weighted Average:	83.85	77.18

### THIRD YEAR - SECOND SEMESTER 2022-2023 ACADEMIC YEAR

<u>Course Code</u>	<u>Course Name</u>	<u>Credits</u>	<u>Mark</u>	<u>Grade</u>
BME 362	BIOMATERIALS I	3	85	A
BME 364	MEDICAL IMAGING I	3	80	A
BME 366	BIOSIGNAL PROCESSES AND ANALYSIS	3	77	A
BME 372	BIOINSTRUMENTATION I	3	89	A
BME 374	BIOMEDICAL OPTICS	3	84	A
COE 358	EMBEDDED SYSTEMS	3	82	A
		<u>Semester</u>	<u>Cumulative</u>	
		Credits Obtained:	18	116
		Grade Points	1,491.00	9,055.00
		Weighted Average:	82.83	78.06



MT6000AF0F

For Verification, contact  
[transcript.coe@knust.edu.gh](mailto:transcript.coe@knust.edu.gh)

Page 2 of 3

Email Transcript



# KWAME NKRUMAH

University of Science and Technology

ACADEMIC TRANSCRIPT

Issued on: 6th November 2024.

Name: MUSAH, Toufiq

Student ID: 20738160

Programme of Study: BSC. BIOMEDICAL ENG.

Index Number: 3051720

## FOURTH YEAR - FIRST SEMESTER 2023-2024 ACADEMIC YEAR

<u>Course Code</u>	<u>Course Name</u>	<u>Credits</u>	<u>Mark</u>	<u>Grade</u>
BME 451	MEDICAL IMAGING II	3	83	A
BME 461	BIOMECHANICS I	3	70	A
BME 463	BIOMATERIALS II	3	80	A
BME 471	BIOINSTRUMENTATION II	3	76	A
BME 497	PROJECT I	3	81	A
BME 499	VACATION TRAINING	2	74	A
ME 491	ENGINEERING ECONOMICS AND MANAGEMENT	2	73	A
		<u>Semester</u>	<u>Cumulative</u>	
		Credits Obtained:	19	135
		Grade Points	1,464.00	10,519.00
		Weighted Average:	77.05	77.92

## FOURTH YEAR - SECOND SEMESTER 2023-2024 ACADEMIC YEAR

<u>Course Code</u>	<u>Course Name</u>	<u>Credits</u>	<u>Mark</u>	<u>Grade</u>
BME 454	MEDICAL DEVICE REGULATION	3	60	B
BME 462	BIOMECHANICS II	3	74	A
BME 498	PROJECT II	5	89	A
COE 472	DIGITAL SIGNAL PROCESSING	3	72	A
ME 492	ENTREPRENEURSHIP DEVELOPMENT	2	62	B
		<u>Semester</u>	<u>Cumulative</u>	
		Credits Obtained:	16	151
		Grade Points	1,187.00	11,706.00
		Weighted Average:	74.19	77.52

## DEGREE AWARDED

**B.SC. BIOMEDICAL ENGINEERING  
FIRST CLASS**

**PROF. EMMANUEL ASUMING FRIMPONG  
DEAN  
(FAC. OF ELEC. AND COMPUTER ENG.)**

## GRADING SYSTEM

70-100%	A	Excellent
60-69%	B	Very Good
50-59%	C	Good
40-49%	D	Satisfactory
0-39%	F	Fail

## CLASS DESIGNATION

70-100%	First Class
60-69.99%	Second Class (Upper Division)
50-59.99%	Second Class (Lower Division)
45-49.99%	Pass
0-44.99%	Fail



MT6000AF0F

For Verification, contact  
[transcript.coe@knust.edu.gh](mailto:transcript.coe@knust.edu.gh)

Page 3 of 3

Email Transcript