

KWAME NKRUMAH UNIVERSITY OF SCIENCE AND TECHNOLOGY, KUMASI  
OFFICE OF THE PROVOST



**COLLEGE OF SCIENCE**



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Our Ref: .....ST/15302/07.....

Your Ref: .....

(TRANSCRIPT)

Date: ..... 24th October, 2011 .....

BANDO, Charles Kwame

BANDO, Charles Kwame was admitted into this University in August 2007 to pursue a 4-year  
B.Sc. Degree Programme in Physics.

BANDO has since then taken the following examinations of this University :

(a) First Year Examination in 2008 in the following subjects :

**FIRST SEMESTER**

Course Title	Mark	Gr.	Cr.
MATHEMATICS FOR PHYSICS I	68.00	B	2
INTRODUCTORY MECHANICS	53.00	C	2
INTRODUCTION TO COMPUTERS I	54.00	C	3
FRENCH FOR COMMUNICATION I	40.00	D	2
EXPERIMENTAL PHYSICS I	67.00	B	3
ELECTRICITY AND MAGNETISM	46.00	D	2
COMMUNICATION SKILLS I	54.00	C	2
BASIC PHYSICAL CHEMISTRY I	66.00	B	2
<b>Semester Weighted Average :</b>	<b>56.50</b>		

**SECOND SEMESTER**

Course Title	Mark	Gr.	Cr.
PROPERTIES OF MATTER	63.00	B	2
MATHEMATICS FOR PHYSICS II	57.00	C	2
INTRODUCTION TO COMPUTERS II	45.00	D	3
GEOMETRICAL OPTICS & WAVES	65.00	B	2
FRENCH FOR COMMUNICATION II	47.00	D	2
EXPERIMENTAL PHYSICS II	80.00	A	3
COMMUNICATION SKILLS II	77.00	A	2
BASIC PHYSICAL CHEMISTRY II	74.00	A	2
	<b>63.39</b>		

(b) Second Year Examination in 2009 in the following subjects :

**FIRST SEMESTER**

Course Title	Mark	Gr.	Cr.
SOLID STATE PHYSICS I	69.00	B	3
PROGRAMMING WITH PASCAL I	52.00	C	3
NUCLEAR PHYSICS	68.00	B	2
MATHEMATICS FOR PHYSICS III	65.00	B	2
LITERATURE IN ENGLISH I	63.00	B	1
EXPERIMENTAL PHYSICS III	80.00	A	3
ELEMENTS OF ECONOMICS I	71.00	A	3
ELECTRONICS I	63.00	B	2
CLASSICAL MECHANICS I	80.00	A	2
<b>Semester Weighted Average :</b>	<b>68.14</b>		

**SECOND SEMESTER**

Course Title	Mark	Gr.	Cr.
PROGRAMMING WITH PASCAL II	71.00	A	3
OPTICS	75.00	A	2
MATHEMATICS FOR PHYSICS IV	68.00	B	2
LITERATURE IN ENGLISH II	61.00	B	1
EXPERIMENTAL PHYSICS IV	70.00	A	3
ELEMENTS OF ECONOMICS II	74.00	A	3
ELECTRONICS II	74.00	A	2
ELECTROMAGNETIC THEORY	86.00	A	2
CLASSICAL MECHANICS II	59.00	C	2
	<b>71.50</b>		

BANDO, Charles Kwame

BANDO, Charles Kwame was admitted into this University in August 2007 to pursue a 4-year  
B.Sc. Degree Programme in Physics.

BANDO has since then taken the following examinations of this University :

(c) Third Year Examination in 2010 in the following subjects :

**FIRST SEMESTER**

<u>Course Title</u>	<u>Mark</u>	<u>Gr.</u>	<u>Cr.</u>
THERMODYNAMICS	74.00	A	2
QUANTUM MECHANICS I	75.00	A	3
MATHEMATICS FOR PHYSICS V	67.00	B	3
ENVIRONMENTAL PHYSICS I	68.00	B	2
ELECTRONICS LABORATORY I	73.00	A	3
ELECTRONIC MATERIALS AND DEVICES	72.00	A	2
ANALOGUE CIRCUITS	72.00	A	2
<b>Semester Weighted Average :</b>	<b>71.59</b>		

**SECOND SEMESTER**

<u>Course Title</u>	<u>Mark</u>	<u>Gr.</u>	<u>Cr</u>
SOLID STATE PHYSICS II	67.00	B	3
QUANTUM MECHANICS II	78.00	A	3
MATHEMATICS FOR PHYSICS VI	58.00	C	3
ENVIRONMENTAL PHYSICS II	58.00	C	2
ELECTRONICS LABORATORY II	77.00	A	3
ELECTRONIC INSTRUMENTATION	82.00	A	2
DIGITAL CIRCUITS	70.00	A	2
	<b>70.00</b>		

(d) Fourth (Final) Year Examination in 2011 in the following subjects :

**FIRST SEMESTER**

<u>Course Title</u>	<u>Mark</u>	<u>Gr.</u>	<u>Cr.</u>
STATISTICAL MECHANICS	74.00	A	3
PRINCIPLES OF MANAGEMENT I	66.00	B	3
OPTOELECTRONICS I	71.00	A	2
MICROPROCESSORS I	76.00	A	2
ATOMIC PHYSICS I	79.00	A	3
<b>Semester Weighted Average :</b>	<b>73.15</b>		

**SECOND SEMESTER**

<u>Course Title</u>	<u>Mark</u>	<u>Gr.</u>	<u>Cr</u>
SPECTROSCOPY	73.00	A	3
PROJECT II	77.00	A	6
PRINCIPLES OF MANAGEMENT II	69.00	B	3
OPTOELECTRONICS II	80.00	A	2
MICROPROCESSORS II	75.00	A	2
ATOMIC PHYSICS II	87.00	A	3
	<b>76.79</b>		

**CUMULATIVE WEIGHTED AVERAGE (CWA) : -**

**68.79**

**DEGREE AWARDED :** B.Sc. SECOND CLASS HONOURS (UPPER DIVISION) IN PHYSICS

<u>KEY :</u>	<u>PERCENTAGE RANGE</u>
	70% and Above
	60% - 69%
	50% - 59%
	40% - 49%
	Below 40%

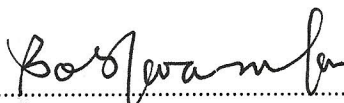
<u>GRADE EQUIVALENT</u>
A
B
C
D
Fail

<u>CLASSES OF DEGREE</u>
First Class
Second Class (Upper Division)
Second Class (Lower Division)
Pass

**CLASSES OF DIPLOMA**

70% and Above
45% - 69%

Distinction
Pass



(PROF. R. K. NKUM )

PROVOST