



# CROSS RIVER UNIVERSITY OF TECHNOLOGY, CALABAR

P.M.B. 1123, CALABAR, NIGERIA  
STUDENT'S ACADEMIC TRANSCRIPT

NAME: USANG, ODETHA EMMANUEL

SEX: FEMALE

REGISTRATION NO.: CRUTECH/02/MS/BSC/022

PERMANENT ADD: NO 80 OLD MARKET ROAD, UGEP, YAKURR

PLACE OF BIRTH: ASSIGA

FACULTY: SCIENCE

STATE OF ORIGIN: CROSS RIVER STATE

DATE OF BIRTH: 16/11/1986

DEPARTMENT: MATHEMATICS & STATISTICS

FATHER'S NAME: ELDER EMMANUEL USANG

MARITAL STATUS: MARRIED

YEAR OF ENTRY: 2002/2003

ATTENDED: CROSS RIVER UNIVERSITY OF TECHNOLOGY, CALABAR



B.Sc. MATHEMATICS

DEGREE

SECOND CLASS LOWER

CLASS OF DEGREE

2008

DATE OF GRADUATION

MATHEMATICS

MAJOR

MINOR

COURSE CODE NO.	COURSE TITLE	SEM. HOUR	GRADE	CREDIT POINTS	COURSE CODE NO.	COURSE TITLE	SEM. HOUR	GRADE	CREDIT POINTS
<u>1/4 FIRST SEMESTER 2002/2003 SESSION</u>					<u>2/4 FIRST SEMESTER 2003/2004 SESSION</u>				
PHY 1101	MECHANICS, WAVE & HEAT	3.0	F	0.00	MTH 2122	CALCULUS	3.0	C	9.00
MTH 1102	ELEMENTARY MATHEMATICS II	3.0	F	0.00	MTH 2112	LINEAR ALGEBRA I	2.0	E	2.00
CSC 1101	INTRO TO COMPUTER TECH.	3.0	C	9.00	MTH 2151	ELEM. DEFERENTIAL EQUATION I	2.0	C	6.00
MTH 1101	ELEMENTARY MATHEMATICS I	3.0	D	6.00	STA 2105	PROBABILITY II	3.0	D	6.00
STA 1111	PROBABILITY & STATISTICS	3.0	C	9.00	CSC 2103	COMPUTER PROGRAMMING I	3.0	C	9.00
GSS 1101	USE OF ENGLISH I	2.0	C	6.00	STA 2292	LAB. FOR INFERENCE II	1.0	D	2.00
GSS 1111	CITIZENSHIP EDUCATION	2.0	D	4.00	STA 2224	INFERENCE II	3.0	C	9.00
BIO 1101	GENERAL BIOLOGY I	3.0	C	9.00	PHY 1111	GENERAL PHYSICS I	3.0	F	0.00
					PHY 1181	LAB PHYSICS I	1.0	E	1.00
<u>1/4 SECOND SEMESTER 2002/2003 SESSION</u>					<u>2/4 SECOND SEMESTER 2003/2004 SESSION</u>				
GSS 1131	PHILOSOPHY AND LOGIC	2.0	D	4.00	MTH 2224	INTRO. TO NUMERICAL ANALYSIS	2.0	F	0.00
MTH 1103	VECTORS & ANALYTIC GEOMETRY	3.0	B	12.00	MTH 2203	INTR. TO ABSTRACT ALGEBRA	3.0	F	0.00
BIO 1202	GENERAL BIOLOGY II	4.0	C	12.00	MTH 2214	VECTORS & DYNAMICS	2.0	B	8.00
CSC 1102	INTRO PROGRAM I	3.0	C	9.00	MTH 2213	LINEAR ALGEBRA II	2.0	F	0.00
MTH 1011	ALGEBRA & TRIGONOMETRY	3.0	F	0.00	MTH 2223	REAL ANALYSIS	2.0	A	10.00
STA 1118	BASIC SAMPLING THEORY	3.0	C	9.00	CSC 2204	COMPUTER PROGRAMMING II	3.0	B	12.00
STA 1112	STATISTICAL INFORMATION	6.0	F	0.00	PHY 2212	WAVES, OPTICS & SORRISCS	3.0	D	6.00
GSS 1102	USE OF ENGLISH II	2.0	B	8.00	GSS 1203	HISTORY & PHILOSOPHY OF SCIENCE	2.0	D	4.00
PHY 1201	ELEM MAG & MODERN PHYSICS	1.0	F	0.00					
GSS 1202	NIGERIAN PEOPLES & CULTURE	2.0	F	0.00					
PHY 1282	LAB PHYSICS	1.0	F	0.00					

## CLASSIFICATION OF DEGREE SYSTEM

- |                |                    |
|----------------|--------------------|
| 1. 4.50 - 5.00 | First class        |
| 2. 3.50 - 4.49 | Second Class Upper |
| 3. 2.40 - 3.48 | Second Class Lower |
| 4. 1.50 - 2.39 | Third Class        |
| 5. 1.00 - 1.49 | Pass               |

## GRADING SYSTEM

- |               |      |
|---------------|------|
| A - Excellent | 5.00 |
| B - very Good | 4.00 |
| C - Good      | 3.00 |
| D - Average   | 2.00 |
| E - Pass      | 1.00 |

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*[Signature]*  
**REGISTRAR**



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 PARENTS/GUARDIAN'S NAME: ELDER EMMANUEL USANG  
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COURSE CODE NO.	COURSE TITLE	SEM. HOUR	GRADE	CREDIT POINTS	COURSE CODE NO.	COURSE TITLE	SEM. HOUR	GRADE	CREDIT POINTS
<b>3/4 FIRST SEMESTER 2004/2005 SESSION</b>					<b>4/4 FIRST SEMESTER 2005/2006 SESSION</b>				
MTH 3101	ABSTRACT ALGEBRA I	3.0	C	9.00	MTH 4101	ORDINARY DIFFERENTIAL EQUATION	3.0	B	12.00
MTH 3102	METRICS SPACE TOP	3.0	C	9.00	MTH 4102	GENERAL TOPOLOGY	3.0	B	12.00
MTH 3103	ELEMENTARY DIFFERENTIAL EQN. II	3.0	B	12.00	MTH 4103	LEBE MEAS. & INTE	3.0	C	9.00
MTH 3104	VECTORS & TENSOR ANALYSIS	3.0	D	6.00	MTH 4104	FLUID MECHANICS II	3.0	B	12.00
MTH 3105	COMPLEX ANALYSIS I	3.0	B	12.00	MTH 4105	COMPLEX ANALYSIS I	3.0	B	12.00
STA 3101	STATISTICS INFERENCE III	3.0	E	3.00	MTH 4106	MATHS METHODS	3.0	A	15.00
STA 3102	LAB. FOR INFERENCE III	2.0	E	2.00	PHY 1101	GENERAL PHYSICS I	3.0	C	9.00
CSC 1101	INTRO TO COMPUTER TECHNOLOGY	2.0	C	6.00					
<b>3/4 SECOND SEMESTER 2004/2005 SESSION</b>					<b>4/4 SECOND SEMESTER 2005/2006 SESSION</b>				
PHY 1201	ELEM MAG & MODERN PHYSICS	1.0	C	3.00	MTH 4201	FUNCTIONAL ANALYSIS	3.0	B	12.00
STA 1212	PROBABILITY I	3.0	B	12.00	MTH 4202	PARTIAL DIFFERENTIAL EQUATION	3.0	B	12.00
MTH 2201	LINEAR ALGEBRA	2.0	C	6.00	MTH 4203	ABSTRACT ALGEBRA II	3.0	C	9.00
MTH 3201	DISCRETE MATH	3.0	C	9.00	MTH 4204	QUANTUM MECHANICS	3.0	A	15.00
MTH 3202	REAL ANALYSIS II	3.0	F	0.00	MTH 4205	ANALYTICAL DYNAMICS	3.0	D	6.00
MTH 3203	INTRO. TO DIFFERENTIAL EQUATION	3.0	D	6.00	MTH 4000	PROJECT	6.0	A	30.00
MTH 3204	DYNAMICS OF ANALYSIS	3.0	C	9.00	MTH 3202	REAL ANALYSIS II	3.0	A	15.00
MTH 3205	FLUID MECHANICS	3.0	A	15.00	STA 3205	OPERATION RESEARCH	3.0	D	6.00
STA 3205	OPERATION RESEARCH	3.0	F	0.00					
<b>CGPA = 2.51</b>					<b>5/4 SECOND SEMESTER 2006/2007 SESSION</b>				
<b>SECOND CLASS LOWER</b>					MTH 4204	QUANTUM MECHANICS	3.0	C	9.00
					MTH 4205	ANALYTICAL DYNAMICS	3.0	B	12.00
					MTH 2204	INTRO. TO NUMERICAL ANALYSIS	3.0	A	15.00

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**REGISTRAR**



**Federal Government of Nigeria**  
THE MINISTRY CERTIFIES THAT THE INSTITUTION IS RECOGNISED AND THAT IT  
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16/3/23

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