

## COURSES OUTLINE FOR UNDERGRADUATE PROGRAMME

### YEAR ONE

#### A. HARMATTAN SEMESTER

CODE	TITLE	L	T	P	UNITS
MTH 101	ELEMENTARY MATHEMATICS I	3	1	0	4
PHY 101	GENERAL PHYSICS I	2	1	1	4
CHM 101	GENERAL CHEMISTRY I	2	1	1	4
BIO 101	BIOLOGY FOR PHYSICAL SCIENCES	2	0	1	3
ENG 101	WORKSHOP PRACTICE I	0	0	1	1
ENG 103	ENGINEERING DRAWING I	0	0	1	1
GST 101	USE OF ENGLISH I	1	1	0	2
GST 103	HUMANITIES	1	0	0	1
FRN 101	FRENCH LANGUAGE	1	0	0	1
	OR				
IGB 101	IGBO LANGUAGE	1	0	0	1
					<b>21</b>

#### B. RAIN SEMESTER

CODE	TITLE	L	T	P	UNITS
MTH 102	ELEMENTARY MATHEMATICS II	3	1	0	4
PHY 102	GENERAL PHYSICS II	2	1	1	4
CHM 102	GENERAL CHEMISTRY II	2	1	1	4
ENG 102	WORKSHOP PRACTICE II	0	0	1	1
ENG 104	ENGINEERING DRAWING II	0	0	1	1
GST 102	USE OF ENGLISH II	1	1	0	2
GST 108	POLITY & ECONOMY OF NIGERIA	1	1	0	2
GST 110	SCIENCE TECHNOLOGY & SOCIETY	1	0	0	1
FRN 102	FRENCH LANGUAGE II	1	0	0	1
	OR				
IGB 102	IGBO LANGUAGE II	1	0	0	1
					<b>20</b>

## YEAR TWO

### A. HARMATTAN SEMESTER

<b>CODE</b>	<b>TITLE</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>UNITS</b>
MTH 201	MATHEMATICAL METHODS	2	1	0	3
MTH 211	STATISTICS	2	1	0	3
CSC 201	COMPUTER & APPLICATION I	2	1	1	4
ENG 201	WORKSHOP PRACTICE III	0	0	1	1
ENG 213	ENGINEERING MECHANICS	1	0	1	2
ENG 207	INTRODUCTION TO ENGINEERING MATERIALS I	1	0	1	2
ECN 201	ECONOMICS I	2	1	0	3
ENG 203	ENGINEERING DRAWING III	0	0	1	1
GST 201	NIGERIA & AFRICAN CULTURAL DEVELOPMENT	1	0	0	1
					<b>20</b>

### B. RAIN SEMESTER

<b>CODE</b>	<b>TITLE</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>UNITS</b>
MGT 202	PRINCIPLES OF MANAGEMENT	3	0	0	3
MGT 204	BASIC ACCOUNTING	2	1	0	3
MGT 206	INDUSTRIAL PSYCHOLOGY	2	1	0	3
ECN 202	ECONOMICS II	2	1	0	3
CSC 202	COMPUTER & APPLICATION II	1	1	1	3
ENG 208	INTRODUCTION TO ENGINEERING MATERIALS II	1	0	1	2
ENG 206	WORKSHOP PRACTICE IV	0	0	1	1
ENG 224	ENGINEERING MECHANICS II	1	0	1	2
					<b>20</b>
SIWES 200	INDUSTRIAL ATTACHMENT				<b>2</b>

## YEAR THREE

### A. HARMATTAN SEMESTER

<b>CODE</b>	<b>TITLE</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>UNITS</b>
PRT 301	INTRODUCTION TO PROJECT MGT TECH	2	1	0	3
PRT 305	INDUSTRIAL LOCATION	2	1	0	3
PRT 307	PROJECT QUALITY MANAGEMENT	2	1	0	3
FMT 305	FINANCIAL ACCOUNTING	1	1	0	2
ENG 305	STRENGTH OF MATERIALS	1	1	1	3
ENG 315	PRINCIPLES OF ENGINEERING SURVEY	1	0	1	2
PRT 309	ELECTRICAL SERVICES & PROJECTS	1	0	1	2
					<b>18</b>

### B. RAIN SEMESTER

<b>CODE</b>	<b>TITLE</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>UNITS</b>
MGT 312	TAXATION	2	1	0	3
PRT 308	MANAGEMENT INFORMATION SYSTEM	2	0	1	3
PRT 310	PROJECT DESIGN & ENVTL IMPACT ASSESSMENT	2	0	1	3
PRT 312	CONSTRUCTION MATERIALS & EQUIPMENT	2	0	1	3
PRT 304	MATERIALS MANAGEMENT	2	1	0	3
MGT 314	MARKETING MANAGEMENT	2	0	0	2
MGT 316	OPERATIONS RESEARCH I	2	1	0	3
					<b>19</b>

## YEAR FOUR

### A. HARMATTAN SEMESTER

<b>CODE</b>	<b>TITLE</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>UNITS</b>
MGT 403	OPERATIONS RESEARCH II	2	1	0	3
MGT 401	INDUSTRIAL ECONOMICS	2	0	0	2
MGT 405	TECHNICAL REPORT WRITING	1	1	0	2
PRT 405	RESEARCH METHODOLOGY	1	1	0	2
PRT 407	PROJECT PLANNING & CONTROL	2	1	0	3
PRT 409	SYSTEMS ENGINEERING	2	1	0	3
PRT 411	STRATEGIC MANAGEMENT	2	0	0	2
PRT 413	MAINTENANCE MANAGEMENT	1	1	0	2
					<b>19</b>

### B. RAIN SEMESTER

<b>CODE</b>	<b>TITLE</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>UNITS</b>
SIWES 400	INDUSTRIAL ATTACHMENT	0	0	4	4
SIWES 401	INDUSTRIAL ATTACHMENT (LONG VACATION)	0	0	2	2
					<b>6</b>

## YEAR FIVE

### A. HARMATTAN SEMESTER

<b>CODE</b>	<b>TITLE</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>UNITS</b>
PRT 501	MANAGEMENT ACCOUNTING	2	0	0	2
PRT 503	OPERATIONS MANAGEMENT	2	1	0	3
PRT 505	COMPUTER BASED PROJECT MANAGEMENT	2	0	1	3
PRT 513	CONTRACT LAW & ADMINISTRATION	2	0	0	2
PRT 500 A	RESEARCH PROJECT I	0	0	3	3
	ELECTIVES				5/6
					<b>18/19</b>

**ELECTIVES: CHOOSE ANY TWO AS APPROPRIATE**

<b>CODE</b>	<b>TITLE</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>UNITS</b>
PET 519	PETROLEUM ECONOMICS	2	1	0	3
PET 411	OIL POLLUTION AND CONTROL	1	1	0	2
IPE 403	WORK STUDY	2	1	0	3
EVT 405	LAW FOR ENVIRONMENTAL MGT	1	1	0	2
AEC 503	AGRICULTURAL POLICY	2	0	0	2

**B. RAIN SEMESTER**

<b>CODE</b>	<b>TITLE</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>UNITS</b>
PRT 502	HUMAN RESOURCES MANAGEMENT	2	0	0	2
PRT 504	PROJECT RISK MANAGEMENT	2	0	0	2
PRT 506	COST ESTIMATION & TENDERING	2	1	0	3
PRT 508	ENTREPRENEURIAL DEVELOPMENT	3	0	0	3
PRT 500 B	RESEARCH PROJECT II	0	0	3	3
	ELECTIVES				5/6
					<b>18/19</b>

**ELECTIVES: CHOOSE ANY TWO AS APPROPRIATE**

<b>CODE</b>	<b>TITLE</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>UNITS</b>
CIE 504	CONSTRUCTION TECHNOLOGY	2	0	1	3
PET 518	NIGERIAN OIL MINING LAW	2	1	0	3
EVT 528	OIL SPILLAGE MGT AND CONTROL	2	0	0	2
EVT 526	MODELLING OF THE ENVIRONMENT	2	0	1	3
TRP 502	TRANSPORT INFRASTRUCTURAL PLANNING	2	1	0	3