

INDUSTRIAL DESIGN PROGRAMME COURSES

1ST SEMESTER 100 LEVEL

CURRICULUM						
S/N	COURSE CODE	COURSE TITLE	L	T	P	U
1	ID 111	Basic Design I.	0	0	6	3
2	ID 112	Art Appreciation	2	0	0	2
3	SET 114	Intro to Surveying	2	2	2	3
4	SET 115	Intro to Planning	2	0	0	3
5	GNS 101	Use of English I	2	0	0	2
6	MTH 111	Elementary Algebra I	2	0	0	3
7	MTH 112	Calculus I	2	0	0	3
8	CHM 101	Foundation Chemistry I	3	0	2	4
TOTAL UNITS						23

2ND SEMESTER 100 LEVEL

CURRICULUM						
S/N	COURSE CODE	COURSE TITLE	L	T	P	U
1	ID 121	Basic Design II	0	0	6	3
2	ID 122	Life Drawing	0	0	6	2
3	SET 124	Free hand Drawing	0	0	0	2
4	GNS 102	Use of English II	2	0	0	2
6	MTH 121	Elementary Algebra II	2	0	0	4
7	MTH 122	Calculus II	2	0	0	4
8	CHM 102	Foundation Chemistry II	2	0	0	4

TOTAL UNITS	23
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1ST SEMESTER 200 LEVEL

S/N	COURSE CODE	COURSE TITLE	L	T	P	U
1	ID 211	General Drawing I	0	0	6	3
2	ID 212	Two Dimensional Design	0	0	6	2
3	ID 213	History of Design I	2	0	0	2
4	ID 214	Technical Drawing I	0	0	6	2
5	GNS 201	Information Science	2	0	0	2
6	SET 214	Building Construction & Materials Science	2	0	0	2
7	SET 215	Elements of Law	2	0	0	2
8	EM 111	Principles of Accounting (Elective)	2	0	0	2
9	PHY 183	Intro to Mech. & Properties of matter (Elective)				3
TOTAL UNITS						20

2ND SEMESTER 200 LEVEL

S/N	COURSE CODE	COURSE TITLE	L	T	P	U
1	ID 221	General Drawing II	0	0	6	3
2	ID 222	Lettering & Typography	0	0	6	3
3	ID 223	History of Design	2	0	0	2
4	ID 224	Technical Drawing II	0	1	6	2
5	CS 142	Intro. To Computer Sci.	2	0	0	3
6	ID 225	3- D Design	0	1	6	2
7	GNS 202	Nigeria History & Culture	2	0	0	2

8	ID 226	Elementary Photography (Elective)	0		6	2
9	ID 227	Surface Design (Elective)	0		6	2
10	SET 221	Introduction to the Environment	3	0	0	3
TOTAL UNITS						24

300 – 500 LEVEL COURSE SPECIALIZATION IN: CERAMICS TECHNOLOGY
1ST SEMESTER 300 LEVEL CERAMICS

CURRICULUM						
S/N	COURSE CODE	COURSE TITLE	L	T	P	U
1	IDC 311	Hand built forms	2	0	0	3
2	IDC 312	Introduction wheel thrown forms	1	1	0	3
3	IDC 313	Theory of specialization	0	1	3	2
4	IDC 314	Cast ceramics I- (1, 2-piece moulds).	2	0	0	3
5	IDC 315	Kiln Design/ modeling	2	0	2	3
6	GNS 301	Sci. Tech. & Society	2	0	0	2
7	SET 311	Art History & Concepts	3	0	0	3
TOTAL UNITS						19

2ND SEMESTER 300 LEVEL CERAMICS

CURRICULUM						
S/N	COURSE CODE	COURSE TITLE	L	T	P	U
1	IDC 321	Wheel-thrown Forms 1	0	1	6	3
2	IDC 322	Cast Ceramics II - Mass Production	0	1	6	3
3	IDC 323	Refractory Technology	0	1	6	3
4	IDC324	Fuels and Firing Techniques	1	1	0	2
5	IDC325	Studio practice; Jigger and Jollying	0	0	6	3
6	ID 321	Research methodology.	2	0	0	2

7	GEO 202	Rocks & Minerals	2	0	2	4
	GNS 302	Entrepreneurship	2	0	0	2
TOTAL UNITS						22

1ST SEMESTER 400 LEVEL CERAMICS

CURRICULUM						
S/N	COURSE CODE	COURSE TITLE	L	T	P	U
1	IDC 411	Glazes and glazing	0	1	3	3
2	IDC 412	Wheel thrown forms II	0	1	4	3
3	IDC 413	Cast Ceramics II - Industrial Process	0	0	6	3
4	IDC 414	Structural ceramics	0	0	3	3
5	IDC 415	Kiln design building and firing.	1	0	6	4
TOTAL UNITS						16

2nd SEMESTER 400 LEVEL CERAMICS

CURRICULUM	
SIWES II	
TOTAL UNITS	
4	

1ST SEMESTER 500 LEVEL CERAMICS

CURRICULUM						
S/N	COURSE CODE	COURSE TITLE	L	T	P	U
1	IDC 511	Table ware design I		0		4
2	IDC 512	Sanitary ware design I		0		4
3	IDC 513	Glaze chemistry and calculation		0		2
4	IDC 514	Refractory production-Advance industrial process		0		6
5	IDC 517	Project		0		0

TOTAL UNITS	16
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2ND SEMESTER 500 LEVEL CERAMICS

CURRICULUM						
S/N	COURSE CODE	COURSE TITLE	L	T	P	U
1	IDC 521	Table ware design II	0	0	9	2
2	IDC 522	Sanitary ware design II	0	0	3	2
3	IDC 523	Wheel design construction	0	0	6	2
4	IDC 524	Theory of specialization (History of Ceramics)	2	0	0	2
5	IDC 527	Project II				6
6	IDC 528	Exhibition				4
TOTAL UNITS						18

300 – 500 LEVEL COURSE SPECIALIZATION IN: GRAPHICS TECHNOLOGY 1ST SEMESTER 300 LEVEL GRAPHICS

CURRICULUM						
S/N	COURSE CODE	COURSE TITLE	L	T	P	U
1	IDG 311	Illustration I	0	1	6	4
2	IDG 312	Photography I	0	1	6	4
3	IDG313	Introduction to Computer Graphics	2	0	6	3
4	IDG 314	Typography and Layout I	0	1	6	4
5	IDG 315	Introduction to Multimedia	0	1	3	3
6	GNS 301	Sci. Tech. & Society	2	0	0	2
7	SET 311	Art history and concepts	3	0	0	3
TOTAL UNITS						23

2ND SEMESTER 300 LEVEL GRAPHICS

S/N	COURSE CODE	COURSE TITLE	L	T	P	U
1	IDG 321	Production Design I	0	1	6	3
2	IDG 322	Photography II	0	1	4	3
3	IDG 323	Typography and Layout II	1	1	6	3
4	IDG 324	Multimedia I	0	1	4	2
5	IDG 325	Printing Process I	1	0	6	3
6	IDG 326	Product Design	0	0	4	2
7	ID 321	Research methodology.	2	0	0	2
	GNS 302	Entrepreneurship	2	0	0	2
TOTAL UNITS						20

1ST SEMESTER 400 LEVEL GRAPHICS

S/N	COURSE CODE	COURSE TITLE	L	T	P	U
1	IDG 411	Visual Communication	0	1	6	3
2	IDG 412	Production Design II	0	1	6	4
3	IDG 413	Printing Processes II	0	1	6	3
4	IDG 414	Multimedia II	0	1	6	3
5	IDG 415	Photography III	0	1	6	3
TOTAL UNITS						16

2ND SEMESTER 400 LEVEL GRAPHICS

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SIWES II

TOTAL UNITS

4

1ST SEMESTER 500 LEVEL GRAPHICS

PROPOSED CURRICULUM						
S/N	COURSE CODE	COURSE TITLE	L	T	P	U
1	IDG 511	Advance Illustrations	0	0	6	3
2	IDG 512	Multimedia III	0	0	6	3
3	IDG 513	Advance Typography & Layout	0	0	6	3
4	IDG 514	Advance Production Design I	0	0	6	3
5	IDG 515	Advanced Computer Graphics I	0	0	6	3
6	IDG 516	Industrial Processes	2	0	0	2
7	IDG 517	Project I	0	0	0	0
TOTAL UNITS						17

2ND SEMESTER 500 LEVEL GRAPHICS

CURRICULUM						
S/N	COURSE CODE	COURSE TITLE	L	T	P	U
1	IDG 521	Printing Process III	0	0	6	3
2	IDG 522	Advance Production Design II	0	0	6	3
3	IDG 523	Advance Computer Graphics II	0	0	6	2
5	IDG 527	Project II	0	0	0	6
6	IDG 528	Exhibition	0	0	6	4
TOTAL UNITS						18

300 – 500 LEVEL COURSE SPECIALIZATION IN: METAL/ JEWELRY TECHNOLOGY

1ST SEMESTER 300 LEVEL METAL/ JEWELRY TECHNOLOGY

S/N	COURSE CODE	COURSE TITLE	T	L	P	U
1	IDJ 311	Introduction to Metals & Jewelry	0	1	6	3
2	IDJ 312	Introduction to Foundry	0	0	6	3
3	IDJ 313	Rendering for Metal & Jewelry	1	0	6	3
4	IDJ 314	Welding & Soldering Techniques	0	0	6	3
5	IDJ 315	Forging I	0	0	6	3
6	GNS 301	Sci. Tech. & Society	2	0	0	2
7	ME 213	Thermo Sciences	2	0	0	2
8	SET 311	Art History And Concepts	3	0	0	3
TOTAL UNITS						22

2ND SEMESTER 300 LEVEL METAL/ JEWELRY TECHNOLOGY

S/N	COURSE CODE	COURSE TITLE	L	T	P	U
1	IDJ 321	Enamels & Luster	1	1	3	3
2	IDJ 322	Forging II	0	1	3	3
3	IDJ 323	Metal Designing / Annealing	0	1	3	3
4	IDJ 324	Brass & Bronze casting	1	1	3	3
5	IDJ 325	Welding & Soldering II	0	1	3	2
6	IDJ 326	Computer-aided design for Metal & Jewelry	1	0	3	2
7	ID 321	Research Methodology	2	0	0	2

8	GEO 202	Rocks & Minerals	2	0	0	4
TOTAL UNITS						22

1ST SEMESTER 400 LEVEL METAL/ JEWELRY TECHNOLOGY

PROPOSED CURRICULUM						
S/N	COURSE CODE	COURSE TITLE	L	T	P	U
1	IDJ 411	Metal Design/ Hollowing	1	1	3	3
2	IDJ 412	Cutlery Design	1	0	4	3
3	IDJ 413	Refractory/ Fuels & fuel Economy	0	0	6	3
4	IDJ 414	Advance Computer- aided Design for Metal/Jewelry	1	0	4	3
5	<i>IDJ 415</i>	<i>Advance Foundry</i>	<i>1</i>	<i>1</i>	<i>3</i>	<i>3</i>
6	ME 318	Engineering Metallurgy	2	0	0	2
TOTAL UNITS						17

2ND SEMESTER 400 LEVEL METAL/ JEWELRY TECHNOLOGY

PROPOSED CURRICULUM						
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SIWES II

TOTAL UNITS

4

1ST SEMESTER 500 LEVEL METAL/ JEWELRY TECHNOLOGY

CURRICULUM						
S/N	COURSE CODE	COURSE TITLE	L	T	P	U
1	IDJ 511	Surface Enrichment techniques I	0	0	2	3
2	IDJ 512	Quality Control I	1	1	0	3
3	IDJ 513	Theory of specialization	3	0	0	2
4	IDJ 514	Professional Practice in Metals & Jewelry	2	0	2	3
5	IDJ 515	Trophy & Medal Design	1	1	2	3
6	IDJ 516	Coin Design	1	0	4	3
7	IDJ 517	Project I	0	0	0	0
TOTAL UNITS						17

NOTE: IDJ 514 Project I is now IDJ 514 Professional Practice in Metals & Jewelry are newly introduced course, IDJ 517 is Project I

2ND SEMESTER 500 LEVEL METAL/ JEWELRY TECHNOLOGY

CURRICULUM						
S/N	COURSE CODE	COURSE TITLE	L	T	P	U
1	IDJ 521	Idea Visualization for Jewelry Industry	2	0	2	3
2	IDJ 522	Colour on Metals	1	0	4	2
3	IDJ 523	Surface Enrichment Techniques II	1	1	3	2
4	IDJ 527	Project II	0	0	9	6
5	IDJ 528	Exhibition	0	0	0	4
TOTAL UNITS						17

