

---

**Department of Vocational Studies**

**Pavanatma College, Murickassery**

**Idukki-685604**

---

**Curriculum Implementation Plan**

**B.Voc DTP and Printing Technology**



# Table of Contents

<b>1</b>	<b>Listening and speaking skills in English</b>	<b>1</b>
1.1	Course Overview . . . . .	1
1.2	Implementation Schedule . . . . .	2
1.3	Continuous Evaluation Schedule . . . . .	2
1.3.1	Test paper . . . . .	2
1.3.2	Assignments . . . . .	2
1.3.3	Seminar . . . . .	3
<b>2</b>	<b>IT for business(P)</b>	<b>4</b>
2.1	Course Overview . . . . .	4
<b>3</b>	<b>Basic concepts of computer</b>	<b>5</b>
3.1	Course Overview . . . . .	5
3.2	Implementation Schedule . . . . .	6
3.3	Continuous Evaluation Schedule . . . . .	6
3.3.1	Test paper . . . . .	6
3.3.2	Assignments . . . . .	6
3.3.3	Seminar . . . . .	7
<b>4</b>	<b>Life skill</b>	<b>8</b>
4.1	Course Overview . . . . .	8

4.2	Implementation Schedule	9
4.3	Continuous Evaluation Schedule	9
4.3.1	Test paper	9
4.3.2	Assignments	10
4.3.3	Seminar	10
<b>5</b>	<b>Fundamentals of dtp</b>	<b>11</b>
5.1	Course Overview	11
5.2	Implementation Schedule	12
5.3	Continuous Evaluation Schedule	12
5.3.1	Test paper	12
5.3.2	Assignments	13
5.3.3	Seminar	13
<b>6</b>	<b>Basic platform of pagelayout(P)</b>	<b>14</b>
6.1	Course Overview	14
<b>7</b>	<b>Academic Writing and Presentation Skills in English</b>	<b>15</b>
7.1	Course Overview	15
7.2	Implementation Schedule	16
7.3	Continuous Evaluation Schedule	16
7.3.1	Test paper	16
7.3.2	Assignments	16
7.3.3	Seminar	17
<b>8</b>	<b>Data Processing through MS Excel (P)</b>	<b>18</b>
8.1	Course Overview	18
<b>9</b>	<b>Binding and finishing Technology</b>	<b>19</b>
9.1	Course Overview	19
9.2	Implementation Schedule	20

9.3	Continuous Evaluation Schedule	20
9.3.1	Test paper	20
9.3.2	Assignments	21
9.3.3	Seminar	21
<b>10</b>	<b>Image editing for printing(P)</b>	<b>22</b>
10.1	Course Overview	22
<b>11</b>	<b>Fundamentals of graphic design</b>	<b>23</b>
11.1	Course Overview	23
11.2	Implementation Schedule	24
11.3	Continuous Evaluation Schedule	24
11.3.1	Test paper	24
11.3.2	Assignments	25
11.3.3	Seminar	25
<b>12</b>	<b>NIL(P)</b>	<b>26</b>
12.1	Course Overview	26
<b>13</b>	<b>Principles of Management</b>	<b>27</b>
13.1	Course Overview	27
13.2	Implementation Schedule	28
13.3	Continuous Evaluation Schedule	28
13.3.1	Test paper	28
13.3.2	Assignments	29
13.3.3	Seminar	29
<b>14</b>	<b>Planning for print production.</b>	<b>30</b>
14.1	Course Overview	30
14.2	Implementation Schedule	31
14.3	Continuous Evaluation Schedule	31

14.3.1 Test paper . . . . .	31
14.3.2 Assignments . . . . .	32
14.3.3 Seminar . . . . .	32
<b>15 Vector Graphics Editor(P)</b>	<b>33</b>
15.1 Course Overview . . . . .	33
<b>16 Art of Illustrations(P)</b>	<b>34</b>
16.1 Course Overview . . . . .	34
<b>17 Offset printing technology</b>	<b>35</b>
17.1 Course Overview . . . . .	35
17.2 Implementation Schedule . . . . .	36
17.3 Continuous Evaluation Schedule . . . . .	36
17.3.1 Test paper . . . . .	36
17.3.2 Assignments . . . . .	37
17.3.3 Seminar . . . . .	37
<b>18 NIL(P)</b>	<b>38</b>
18.1 Course Overview . . . . .	38
<b>19 Soft Skills and Presentation</b>	<b>39</b>
19.1 Course Overview . . . . .	39
19.2 Implementation Schedule . . . . .	40
19.3 Continuous Evaluation Schedule . . . . .	40
19.3.1 Test paper . . . . .	40
19.3.2 Assignments . . . . .	40
19.3.3 Seminar . . . . .	41
<b>20 Digital Printing</b>	<b>42</b>
20.1 Course Overview . . . . .	42
20.2 Implementation Schedule . . . . .	43

20.3 Continuous Evaluation Schedule . . . . .	43
20.3.1 Test paper . . . . .	43
20.3.2 Assignments . . . . .	44
20.3.3 Seminar . . . . .	44
<b>21 Graphic reproduction</b>	<b>45</b>
21.1 Course Overview . . . . .	45
21.2 Implementation Schedule . . . . .	46
21.3 Continuous Evaluation Schedule . . . . .	46
21.3.1 Test paper . . . . .	46
21.3.2 Assignments . . . . .	47
21.3.3 Seminar . . . . .	47
<b>22 Xerox Scanning and Image generation</b>	<b>48</b>
22.1 Course Overview . . . . .	48
22.2 Implementation Schedule . . . . .	49
22.3 Continuous Evaluation Schedule . . . . .	49
22.3.1 Test paper . . . . .	49
22.3.2 Assignments . . . . .	50
22.3.3 Seminar . . . . .	50
<b>23 Enhancing text and typography(P)</b>	<b>51</b>
23.1 Course Overview . . . . .	51
<b>24 NIL(P)</b>	<b>52</b>
24.1 Course Overview . . . . .	52
<b>25 Enviornmental studies</b>	<b>53</b>
25.1 Course Overview . . . . .	53
25.2 Implementation Schedule . . . . .	54
25.3 Continuous Evaluation Schedule . . . . .	54

25.3.1 Test paper . . . . .	54
25.3.2 Assignments . . . . .	54
25.3.3 Seminar . . . . .	55
<b>26 Offset plate making</b>	<b>56</b>
26.1 Course Overview . . . . .	56
26.2 Implementation Schedule . . . . .	57
26.3 Continuous Evaluation Schedule . . . . .	57
26.3.1 Test paper . . . . .	57
26.3.2 Assignments . . . . .	58
26.3.3 Seminar . . . . .	58
<b>27 Web offset technology</b>	<b>59</b>
27.1 Course Overview . . . . .	59
27.2 Implementation Schedule . . . . .	60
27.3 Continuous Evaluation Schedule . . . . .	60
27.3.1 Test paper . . . . .	60
27.3.2 Assignments . . . . .	61
27.3.3 Seminar . . . . .	61
<b>28 Technical and scientific documentation(P)</b>	<b>62</b>
28.1 Course Overview . . . . .	62
<b>29 Multipage Design Publication(P)</b>	<b>63</b>
29.1 Course Overview . . . . .	63
<b>30 NIL(P)</b>	<b>64</b>
30.1 Course Overview . . . . .	64
<b>31 Entrepreneurship development</b>	<b>65</b>
31.1 Course Overview . . . . .	65
31.2 Implementation Schedule . . . . .	66

31.3 Continuous Evaluation Schedule . . . . .	66
31.3.1 Test paper . . . . .	66
31.3.2 Assignments . . . . .	67
31.3.3 Seminar . . . . .	67
<b>32 Publication design(P)</b>	<b>68</b>
32.1 Course Overview . . . . .	68
<b>33 Costing for printing press</b>	<b>69</b>
33.1 Course Overview . . . . .	69
33.2 Implementation Schedule . . . . .	70
33.3 Continuous Evaluation Schedule . . . . .	70
33.3.1 Test paper . . . . .	70
33.3.2 Assignments . . . . .	71
33.3.3 Seminar . . . . .	71
<b>34 Printing Press management system(P)</b>	<b>72</b>
34.1 Course Overview . . . . .	72
<b>35 Identity branding for printing</b>	<b>73</b>
35.1 Course Overview . . . . .	73
35.2 Implementation Schedule . . . . .	74
35.3 Continuous Evaluation Schedule . . . . .	74
35.3.1 Test paper . . . . .	74
35.3.2 Assignments . . . . .	75
35.3.3 Seminar . . . . .	75
<b>36 NIL(P)</b>	<b>76</b>
36.1 Course Overview . . . . .	76



**Listening and speaking skills in English****1.1 Course Overview**

1	Course	Core
2	Course Type	Theory
3	Course Code	BOCG101
4	Credit	4
5	Duration of External Examination	3 hours
6	External Assessment	80
7	Internal Assessment	20
8	Total hours	72
9	Hours per Week	4
10	Number of Modules	5
11	Total Week to complete	21
<b>Distribution of Internal Marks</b>		
12	Attendance	5
13	Assignment/Seminar	5
14	Assessment Test	10 (2 × 5 = 10)

## 1.2 Implementation Schedule

Module	Module Title	Delivery Methods	Total hours	Number of Weeks to complete
1	Pronunciation and neutralisation of accent	Lecturing	10	3
2	Listening skills	Lecturing	20	5
3	Speaking skills	interactive talk	20	5
4	Fluency	Lecturing	12	3
5	Reading skills	Lecturing	10	3

## 1.3 Continuous Evaluation Schedule

### 1.3.1 Test paper

No.	Week	Total marks	Time duration	Exam type
1	7	20	1 Hours	Assessment Test
2	14	20	1 Hours	Assessment Test
3	21	80	3 Hours	Model Examination

### 1.3.2 Assignments

No.	Week	Duration	Assignments type
1	7	1 Week	Problem solving
2	14	1 Week	Problem solving
3	21	1 Week	Problem solving

### 1.3.3 Seminar

No.	Week	Number of seminars	Time duration	Delivery method
1	7	3	20 Minute	Lecture
2	14	3	20 Minute	Lecture
3	21	3	20 Minute	Lecture

**IT for business(P)**

**2.1 Course Overview**

1	Course	Core
2	Course Type	Practical
3	Course Code	BOCG102
4	Credit	4
5	Duration of External Examination	3 hours
6	External Assessment	80
7	Internal Assessment	20
8	Total hours	144
9	Hours per Week	3
10	Number of Experiments	15
11	Total Week to complete	27
<b>Distribution of Internal Marks</b>		
12	Attendance	2
13	Record	4
14	Assessment Test	4 (1 × 4 = 1)

**Basic concepts of computer****3.1 Course Overview**

1	Course	Core
2	Course Type	Theory
3	Course Code	DBOC103
4	Credit	6
5	Duration of External Examination	3 hours
6	External Assessment	80
7	Internal Assessment	20
8	Total hours	72
9	Hours per Week	5
10	Number of Modules	5
11	Total Week to complete	18
<b>Distribution of Internal Marks</b>		
12	Attendance	5
13	Assignment/Seminar	5
14	Assessment Test	10 (2 × 5 = 10)

## 3.2 Implementation Schedule

Module	Module Title	Delivery Methods	Total hours	Number of Weeks to complete
1	Computer Fundamentals	Lecturing	10	2
2	computer language	Lecturing	20	4
3	operating systems	interactive talk	12	3
4	internet	Lecturing	20	4
5	cyber security	Lecturing	10	2

## 3.3 Continuous Evaluation Schedule

### 3.3.1 Test paper

No.	Week	Total marks	Time duration	Exam type
1	6	20	1 Hours	Assessment Test
2	12	20	1 Hours	Assessment Test
3	18	80	3 Hours	Model Examination

### 3.3.2 Assignments

No.	Week	Duration	Assignments type
1	6	1 Week	Problem solving
2	12	1 Week	Problem solving
3	18	1 Week	Problem solving

### 3.3.3 Seminar

No.	Week	Number of seminars	Time duration	Delivery method
1	6	3	20 Minute	Lecture
2	12	3	20 Minute	Lecture
3	18	3	20 Minute	Lecture

**Life skill****4.1 Course Overview**

1	Course	Core
2	Course Type	Theory
3	Course Code	PBOC104
4	Credit	4
5	Duration of External Examination	3 hours
6	External Assessment	80
7	Internal Assessment	20
8	Total hours	72
9	Hours per Week	3
10	Number of Modules	5
11	Total Week to complete	27
<b>Distribution of Internal Marks</b>		
12	Attendance	5
13	Assignment/Seminar	5
14	Assessment Test	10 (2 × 5 = 10)



## 4.2 Implementation Schedule

Module	Module Title	Delivery Methods	Total hours	Number of Weeks to complete
1	Restructuring one's own life story:	Workshop	10	4
2	Self acceptance, Self esteem, Self concept	Erudite lecture	10	4
3	Positive thinking. Definition of personality,	Personal counselling	20	7
4	Motivation	Seminars	12	4
5	Planning for life:	Personal counselling	20	7

## 4.3 Continuous Evaluation Schedule

### 4.3.1 Test paper

No.	Week	Total marks	Time duration	Exam type
1	9	20	1 Hours	Assessment Test
2	18	20	1 Hours	Assessment Test
3	27	80	3 Hours	Model Examination

### 4.3.2 Assignments

No.	Week	Duration	Assignments type
1	9	1 Week	Problem solving
2	18	1 Week	Problem solving
3	27	1 Week	Problem solving

### 4.3.3 Seminar

No.	Week	Number of seminars	Time duration	Delivery method
1	9	3	20 Minute	Lecture
2	18	3	20 Minute	Lecture
3	27	3	20 Minute	Lecture

**Fundamentals of dtp****5.1 Course Overview**

1	Course	Core
2	Course Type	Theory
3	Course Code	DBOC105
4	Credit	6
5	Duration of External Examination	3 hours
6	External Assessment	80
7	Internal Assessment	20
8	Total hours	72
9	Hours per Week	5
10	Number of Modules	5
11	Total Week to complete	18
<b>Distribution of Internal Marks</b>		
12	Attendance	5
13	Assignment/Seminar	5
14	Assessment Test	10 (2 × 5 = 10)

## 5.2 Implementation Schedule

Module	Module Title	Delivery Methods	Total hours	Number of Weeks to complete
1	Desk Top Publishing	Lecturing, questioning	10	2
2	Typography	Lecturing, questioning	20	4
3	Paper Introduction and preparation	Presentation, Practising	20	4
4	Concept of layout	Presentation, Practising	12	3
5	Networking Concept, Printing Process	Lecturing, questioning	10	2

## 5.3 Continuous Evaluation Schedule

### 5.3.1 Test paper

No.	Week	Total marks	Time duration	Exam type
1	6	20	1 Hours	Assessment Test
2	12	20	1 Hours	Assessment Test
3	18	80	3 Hours	Model Examination

### 5.3.2 Assignments

No.	Week	Duration	Assignments type
1	6	1 Week	Problem solving
2	12	1 Week	Problem solving
3	18	1 Week	Problem solving

### 5.3.3 Seminar

No.	Week	Number of seminars	Time duration	Delivery method
1	6	3	20 Minute	Lecture
2	12	3	20 Minute	Lecture
3	18	3	20 Minute	Lecture

**Basic platform of pagelayout(P)**

**6.1 Course Overview**

1	Course	Core
2	Course Type	Practical
3	Course Code	DBOC106
4	Credit	6
5	Duration of External Examination	3 hours
6	External Assessment	80
7	Internal Assessment	20
8	Total hours	144
9	Hours per Week	5
10	Number of Experiments	15
11	Total Week to complete	18
<b>Distribution of Internal Marks</b>		
12	Attendance	2
13	Record	4
14	Assessment Test	4 (1 × 4 = 1)

# **Academic Writing and Presentation Skills in English**

## **7.1 Course Overview**

1	Course	Core
2	Course Type	Theory
3	Course Code	BOCG201
4	Credit	4
5	Duration of External Examination	3 hours
6	External Assessment	80
7	Internal Assessment	20
8	Total hours	72
9	Hours per Week	4
10	Number of Modules	5
11	Total Week to complete	21
<b>Distribution of Internal Marks</b>		
12	Attendance	5
13	Assignment/Seminar	5
14	Assessment Test	10 (2 × 5 = 10)

## 7.2 Implementation Schedule

Module	Module Title	Delivery Methods	Total hours	Number of Weeks to complete
1	Letter Writing	Lecturing	10	3
2	Academic and business Communication	Lecturing	20	5
3	Presentation Skills	Chalk and talk	20	5
4	Non-verbal communication	Lecturing	12	3
5	NIL	Erudite lectures	10	3

## 7.3 Continuous Evaluation Schedule

### 7.3.1 Test paper

No.	Week	Total marks	Time duration	Exam type
1	7	20	1 Hours	Assessment Test
2	14	20	1 Hours	Assessment Test
3	21	80	3 Hours	Model Examination

### 7.3.2 Assignments

No.	Week	Duration	Assignments type
1	7	1 Week	Problem solving
2	14	1 Week	Problem solving
3	21	1 Week	Problem solving



### 7.3.3 Seminar

No.	Week	Number of seminars	Time duration	Delivery method
1	7	3	20 Minute	Lecture
2	14	3	20 Minute	Lecture
3	21	3	20 Minute	Lecture

**Data Processing through MS Excel (P)**

**8.1 Course Overview**

1	Course	Core
2	Course Type	Practical
3	Course Code	PBOC202
4	Credit	6
5	Duration of External Examination	3 hours
6	External Assessment	80
7	Internal Assessment	20
8	Total hours	144
9	Hours per Week	6
10	Number of Experiments	15
11	Total Week to complete	15
<b>Distribution of Internal Marks</b>		
12	Attendance	2
13	Record	4
14	Assessment Test	4 (1 × 4 = 1)

**Binding and finishing Technology**

**9.1 Course Overview**

1	Course	Core
2	Course Type	Theory
3	Course Code	DBOC203
4	Credit	4
5	Duration of External Examination	3 hours
6	External Assessment	80
7	Internal Assessment	20
8	Total hours	72
9	Hours per Week	4
10	Number of Modules	5
11	Total Week to complete	21
<b>Distribution of Internal Marks</b>		
12	Attendance	5
13	Assignment/Seminar	5
14	Assessment Test	10 (2 × 5 = 10)

## 9.2 Implementation Schedule

Module	Module Title	Delivery Methods	Total hours	Number of Weeks to complete
1	Bookbinding,	Lecturing, questioning	10	3
2	Modern commercial binding	Lecturing, questioning	10	3
3	Perfect binding	Chalk and talk, ICT	20	5
4	Periodical/Journal Binding,	Lecturing	12	3
5	Conservation and restoration of books	Lecturing	20	5

## 9.3 Continuous Evaluation Schedule

### 9.3.1 Test paper

No.	Week	Total marks	Time duration	Exam type
1	7	20	1 Hours	Assessment Test
2	14	20	1 Hours	Assessment Test
3	21	80	3 Hours	Model Examination

### 9.3.2 Assignments

No.	Week	Duration	Assignments type
1	7	1 Week	Problem solving
2	14	1 Week	Problem solving
3	21	1 Week	Problem solving

### 9.3.3 Seminar

No.	Week	Number of seminars	Time duration	Delivery method
1	7	3	20 Minute	Lecture
2	14	3	20 Minute	Lecture
3	21	3	20 Minute	Lecture

**Image editing for printing(P)**

**10.1 Course Overview**

1	Course	Core
2	Course Type	Practical
3	Course Code	DBOC204
4	Credit	6
5	Duration of External Examination	3 hours
6	External Assessment	80
7	Internal Assessment	20
8	Total hours	144
9	Hours per Week	6
10	Number of Experiments	15
11	Total Week to complete	15
<b>Distribution of Internal Marks</b>		
12	Attendance	2
13	Record	4
14	Assessment Test	4 (1 × 4 = 1)

**Fundamentals of graphic design****11.1 Course Overview**

1	Course	Core
2	Course Type	Theory
3	Course Code	DBOC205
4	Credit	4
5	Duration of External Examination	3 hours
6	External Assessment	80
7	Internal Assessment	20
8	Total hours	72
9	Hours per Week	5
10	Number of Modules	5
11	Total Week to complete	18
<b>Distribution of Internal Marks</b>		
12	Attendance	5
13	Assignment/Seminar	5
14	Assessment Test	10 (2 × 5 = 10)

## 11.2 Implementation Schedule

Module	Module Title	Delivery Methods	Total hours	Number of Weeks to complete
1	Basic elements and cocepts of Visual Design	Lecture,workshop,demonstration	10	2
2	Principles of Design	Presentation, workshop	20	4
3	Digital image pixels	Demonstration,	20	4
4	Introduction to Colour classification	Demonstration,	12	3
5	Introduction to typography	Demonstration,	10	2

## 11.3 Continuous Evaluation Schedule

### 11.3.1 Test paper

No.	Week	Total marks	Time duration	Exam type
1	6	20	1 Hours	Assessment Test
2	12	20	1 Hours	Assessment Test
3	18	80	3 Hours	Model Examination



### 11.3.2 Assignments

No.	Week	Duration	Assignments type
1	6	1 Week	Problem solving
2	12	1 Week	Problem solving
3	18	1 Week	Problem solving

### 11.3.3 Seminar

No.	Week	Number of seminars	Time duration	Delivery method
1	6	3	20 Minute	Lecture
2	12	3	20 Minute	Lecture
3	18	3	20 Minute	Lecture

**NIL(P)****12.1 Course Overview**

1	Course	Core
2	Course Type	Practical
3	Course Code	DBOC206
4	Credit	6
5	Duration of External Examination	3 hours
6	External Assessment	80
7	Internal Assessment	20
8	Total hours	144
9	Hours per Week	1
10	Number of Experiments	15
11	Total Week to complete	75
<b>Distribution of Internal Marks</b>		
12	Attendance	2
13	Record	4
14	Assessment Test	4 (1 × 4 = 1)

**Principles of Management****13.1 Course Overview**

1	Course	Core
2	Course Type	Theory
3	Course Code	BOCG301
4	Credit	4
5	Duration of External Examination	3 hours
6	External Assessment	80
7	Internal Assessment	20
8	Total hours	72
9	Hours per Week	4
10	Number of Modules	5
11	Total Week to complete	21
<b>Distribution of Internal Marks</b>		
12	Attendance	5
13	Assignment/Seminar	5
14	Assessment Test	10 (2 × 5 = 10)

## 13.2 Implementation Schedule

Module	Module Title	Delivery Methods	Total hours	Number of Weeks to complete
1	Nature and Process of Management	Workshop	10	3
2	Planning: Objectives	Erudite lecture	20	5
3	Organising	Personal counselling	20	5
4	Staffing	Seminars	12	3
5	Directing and Controlling	Personal counselling	10	3

## 13.3 Continuous Evaluation Schedule

### 13.3.1 Test paper

No.	Week	Total marks	Time duration	Exam type
1	7	20	1 Hours	Assessment Test
2	14	20	1 Hours	Assessment Test
3	21	80	3 Hours	Model Examination

**13.3.2 Assignments**

No.	Week	Duration	Assignments type
1	7	1 Week	Problem solving
2	14	1 Week	Problem solving
3	21	1 Week	Problem solving

**13.3.3 Seminar**

No.	Week	Number of seminars	Time duration	Delivery method
1	7	3	20 Minute	Lecture
2	14	3	20 Minute	Lecture
3	21	3	20 Minute	Lecture

## **Planning for print production.**

### **14.1 Course Overview**

1	Course	Core
2	Course Type	Theory
3	Course Code	DBOC302
4	Credit	4
5	Duration of External Examination	3 hours
6	External Assessment	80
7	Internal Assessment	20
8	Total hours	72
9	Hours per Week	5
10	Number of Modules	5
11	Total Week to complete	18
<b>Distribution of Internal Marks</b>		
12	Attendance	5
13	Assignment/Seminar	5
14	Assessment Test	10 (2 × 5 = 10)

## 14.2 Implementation Schedule

Module	Module Title	Delivery Methods	Total hours	Number of Weeks to complete
1	Print Planning	Lecturing, questioning	12	3
2	Paper. Main classes of paper	Lecturing, questioning	20	4
3	Offset inks	Presentation, Practising	20	4
4	Paper coatings	Presentation, Practising	10	2
5	Availability of various paper types	Lecturing, questioning	10	2

## 14.3 Continuous Evaluation Schedule

### 14.3.1 Test paper

No.	Week	Total marks	Time duration	Exam type
1	6	20	1 Hours	Assessment Test
2	12	20	1 Hours	Assessment Test
3	18	80	3 Hours	Model Examination

**14.3.2 Assignments**

No.	Week	Duration	Assignments type
1	6	1 Week	Problem solving
2	12	1 Week	Problem solving
3	18	1 Week	Problem solving

**14.3.3 Seminar**

No.	Week	Number of seminars	Time duration	Delivery method
1	6	3	20 Minute	Lecture
2	12	3	20 Minute	Lecture
3	18	3	20 Minute	Lecture



## Vector Graphics Editor(P)

### 15.1 Course Overview

1	Course	Core
2	Course Type	Practical
3	Course Code	DBOC303
4	Credit	6
5	Duration of External Examination	3 hours
6	External Assessment	80
7	Internal Assessment	20
8	Total hours	144
9	Hours per Week	6
10	Number of Experiments	15
11	Total Week to complete	15
<b>Distribution of Internal Marks</b>		
12	Attendance	2
13	Record	4
14	Assessment Test	4 (1 × 4 = 1)

**Art of Illustrations(P)**

**16.1 Course Overview**

1	Course	Core
2	Course Type	Practical
3	Course Code	DBOC304
4	Credit	6
5	Duration of External Examination	3 hours
6	External Assessment	80
7	Internal Assessment	20
8	Total hours	144
9	Hours per Week	6
10	Number of Experiments	15
11	Total Week to complete	15
<b>Distribution of Internal Marks</b>		
12	Attendance	2
13	Record	4
14	Assessment Test	4 (1 × 4 = 1)

## **Offset printing technology**

### **17.1 Course Overview**

1	Course	Core
2	Course Type	Theory
3	Course Code	DBOC305
4	Credit	4
5	Duration of External Examination	3 hours
6	External Assessment	80
7	Internal Assessment	20
8	Total hours	72
9	Hours per Week	4
10	Number of Modules	5
11	Total Week to complete	21
<b>Distribution of Internal Marks</b>		
12	Attendance	5
13	Assignment/Seminar	5
14	Assessment Test	10 (2 × 5 = 10)

## 17.2 Implementation Schedule

Module	Module Title	Delivery Methods	Total hours	Number of Weeks to complete
1	Principles of lithography	Lecturing, questioning	12	3
2	Printing unit configuration	Lecturing	10	3
3	Introduction to Blankets rollers	Chalk and talk, ICT	20	5
4	Printing and inline operations	Chalk and talk, ICT	10	3
5	Metal printing	Chalk and talk, ICT	20	5

## 17.3 Continuous Evaluation Schedule

### 17.3.1 Test paper

No.	Week	Total marks	Time duration	Exam type
1	7	20	1 Hours	Assessment Test
2	14	20	1 Hours	Assessment Test
3	21	80	3 Hours	Model Examination

**17.3.2 Assignments**

No.	Week	Duration	Assignments type
1	7	1 Week	Problem solving
2	14	1 Week	Problem solving
3	21	1 Week	Problem solving

**17.3.3 Seminar**

No.	Week	Number of seminars	Time duration	Delivery method
1	7	3	20 Minute	Lecture
2	14	3	20 Minute	Lecture
3	21	3	20 Minute	Lecture

**NIL(P)****18.1 Course Overview**

1	Course	Core
2	Course Type	Practical
3	Course Code	DBOC306
4	Credit	6
5	Duration of External Examination	3 hours
6	External Assessment	80
7	Internal Assessment	20
8	Total hours	144
9	Hours per Week	1
10	Number of Experiments	15
11	Total Week to complete	75
<b>Distribution of Internal Marks</b>		
12	Attendance	2
13	Record	4
14	Assessment Test	4 (1 × 4 = 1)

**Soft Skills and Presentation****19.1 Course Overview**

1	Course	Core
2	Course Type	Theory
3	Course Code	BOCG401
4	Credit	4
5	Duration of External Examination	3 hours
6	External Assessment	80
7	Internal Assessment	20
8	Total hours	72
9	Hours per Week	4
10	Number of Modules	5
11	Total Week to complete	21
<b>Distribution of Internal Marks</b>		
12	Attendance	5
13	Assignment/Seminar	5
14	Assessment Test	10 (2 × 5 = 10)

## 19.2 Implementation Schedule

Module	Module Title	Delivery Methods	Total hours	Number of Weeks to complete
1	Personal Skills	Lecturing	10	3
2	Social Skills	Lecturing	10	3
3	Personality Development	interactive talk	20	5
4	Presentation skills	Lecturing	12	3
5	Professional skills	Lecturing	20	5

## 19.3 Continuous Evaluation Schedule

### 19.3.1 Test paper

No.	Week	Total marks	Time duration	Exam type
1	7	20	1 Hours	Assessment Test
2	14	20	1 Hours	Assessment Test
3	21	80	3 Hours	Model Examination

### 19.3.2 Assignments

No.	Week	Duration	Assignments type
1	7	1 Week	Problem solving
2	14	1 Week	Problem solving
3	21	1 Week	Problem solving



**19.3.3 Seminar**

No.	Week	Number of seminars	Time duration	Delivery method
1	7	3	20 Minute	Lecture
2	14	3	20 Minute	Lecture
3	21	3	20 Minute	Lecture

## Digital Printing

### 20.1 Course Overview

1	Course	Core
2	Course Type	Theory
3	Course Code	DBOC402
4	Credit	4
5	Duration of External Examination	3 hours
6	External Assessment	80
7	Internal Assessment	20
8	Total hours	72
9	Hours per Week	4
10	Number of Modules	5
11	Total Week to complete	21
<b>Distribution of Internal Marks</b>		
12	Attendance	5
13	Assignment/Seminar	5
14	Assessment Test	10 (2 × 5 = 10)

## 20.2 Implementation Schedule

Module	Module Title	Delivery Methods	Total hours	Number of Weeks to complete
1	Digital Printing Introduction	Lecture, workshop, demonstration	10	3
2	Combine the works of various designing and drawing software	Presentation, workshop	10	3
3	Digital Printing	Demonstration,	20	5
4	Process of Digital Printing	Demonstration,	12	3
5	Skills and Proficiencies required for a printing machine operator	Demonstration,	20	5

## 20.3 Continuous Evaluation Schedule

### 20.3.1 Test paper

No.	Week	Total marks	Time duration	Exam type
1	7	20	1 Hours	Assessment Test
2	14	20	1 Hours	Assessment Test
3	21	80	3 Hours	Model Examination

**20.3.2 Assignments**

No.	Week	Duration	Assignments type
1	7	1 Week	Problem solving
2	14	1 Week	Problem solving
3	21	1 Week	Problem solving

**20.3.3 Seminar**

No.	Week	Number of seminars	Time duration	Delivery method
1	7	3	20 Minute	Lecture
2	14	3	20 Minute	Lecture
3	21	3	20 Minute	Lecture

## Graphic reproduction

### 21.1 Course Overview

1	Course	Core
2	Course Type	Theory
3	Course Code	DBOC403
4	Credit	4
5	Duration of External Examination	3 hours
6	External Assessment	80
7	Internal Assessment	20
8	Total hours	72
9	Hours per Week	5
10	Number of Modules	5
11	Total Week to complete	18
<b>Distribution of Internal Marks</b>		
12	Attendance	5
13	Assignment/Seminar	5
14	Assessment Test	10 (2 × 5 = 10)

## 21.2 Implementation Schedule

Module	Module Title	Delivery Methods	Total hours	Number of Weeks to complete
1	Basic steps involved in planning a layout	Lecturing	10	2
2	Color and Color theory	Lecturing	10	2
3	Prepress color proofing	interactive talk	20	4
4	Planographic plates:	Lecturing	12	3
5	Sensitized photo polymerization	Lecturing	20	4

## 21.3 Continuous Evaluation Schedule

### 21.3.1 Test paper

No.	Week	Total marks	Time duration	Exam type
1	6	20	1 Hours	Assessment Test
2	12	20	1 Hours	Assessment Test
3	18	80	3 Hours	Model Examination

**21.3.2 Assignments**

No.	Week	Duration	Assignments type
1	6	1 Week	Problem solving
2	12	1 Week	Problem solving
3	18	1 Week	Problem solving

**21.3.3 Seminar**

No.	Week	Number of seminars	Time duration	Delivery method
1	6	3	20 Minute	Lecture
2	12	3	20 Minute	Lecture
3	18	3	20 Minute	Lecture

## **Xerox Scanning and Image generation**

### **22.1 Course Overview**

1	Course	Core
2	Course Type	Theory
3	Course Code	DBOC404
4	Credit	6
5	Duration of External Examination	3 hours
6	External Assessment	80
7	Internal Assessment	20
8	Total hours	72
9	Hours per Week	6
10	Number of Modules	5
11	Total Week to complete	15
<b>Distribution of Internal Marks</b>		
12	Attendance	5
13	Assignment/Seminar	5
14	Assessment Test	10 (2 × 5 = 10)



## 22.2 Implementation Schedule

Module	Module Title	Delivery Methods	Total hours	Number of Weeks to complete
1	History of photocopying	Lecture, workshop, demonstration	10	2
2	Copying of image and documents	Presentation, workshop	10	2
3	Principle of scanning	Demonstration,	20	4
4	Reading of color strip	Demonstration,	12	2
5	Color management	Demonstration,	20	4

## 22.3 Continuous Evaluation Schedule

### 22.3.1 Test paper

No.	Week	Total marks	Time duration	Exam type
1	5	20	1 Hours	Assessment Test
2	10	20	1 Hours	Assessment Test
3	15	80	3 Hours	Model Examination

**22.3.2 Assignments**

No.	Week	Duration	Assignments type
1	5	1 Week	Problem solving
2	10	1 Week	Problem solving
3	15	1 Week	Problem solving

**22.3.3 Seminar**

No.	Week	Number of seminars	Time duration	Delivery method
1	5	3	20 Minute	Lecture
2	10	3	20 Minute	Lecture
3	15	3	20 Minute	Lecture

## Enhancing text and typography(P)

### 23.1 Course Overview

1	Course	Core
2	Course Type	Practical
3	Course Code	DBOC405
4	Credit	6
5	Duration of External Examination	3 hours
6	External Assessment	80
7	Internal Assessment	20
8	Total hours	144
9	Hours per Week	6
10	Number of Experiments	15
11	Total Week to complete	15
<b>Distribution of Internal Marks</b>		
12	Attendance	2
13	Record	4
14	Assessment Test	4 (1 × 4 = 1)

**NIL(P)**

**24.1 Course Overview**

1	Course	Core
2	Course Type	Practical
3	Course Code	DBOC406
4	Credit	6
5	Duration of External Examination	3 hours
6	External Assessment	80
7	Internal Assessment	20
8	Total hours	144
9	Hours per Week	1
10	Number of Experiments	15
11	Total Week to complete	75
<b>Distribution of Internal Marks</b>		
12	Attendance	2
13	Record	4
14	Assessment Test	4 (1 × 4 = 1)

## **Enviornmental studies**

### **25.1 Course Overview**

1	Course	Core
2	Course Type	Theory
3	Course Code	BOCG501
4	Credit	4
5	Duration of External Examination	3 hours
6	External Assessment	80
7	Internal Assessment	20
8	Total hours	72
9	Hours per Week	4
10	Number of Modules	4
11	Total Week to complete	21
<b>Distribution of Internal Marks</b>		
12	Attendance	5
13	Assignment/Seminar	5
14	Assessment Test	10 (2 × 5 = 10)

## 25.2 Implementation Schedule

Module	Module Title	Delivery Methods	Total hours	Number of Weeks to complete
1	Introduction to Environment Science	Lecturing	10	3
2	Concept of an ecosystem	Lecturing	12	3
3	Environmental Pollution	Chalk and talk	20	5
4	Silent spring	Lecturing	15	4

## 25.3 Continuous Evaluation Schedule

### 25.3.1 Test paper

No.	Week	Total marks	Time duration	Exam type
1	7	20	1 Hours	Assessment Test
2	14	20	1 Hours	Assessment Test
3	21	80	3 Hours	Model Examination

### 25.3.2 Assignments

No.	Week	Duration	Assignments type
1	7	1 Week	Problem solving
2	14	1 Week	Problem solving
3	21	1 Week	Problem solving

**25.3.3 Seminar**

No.	Week	Number of seminars	Time duration	Delivery method
1	7	3	20 Minute	Lecture
2	14	3	20 Minute	Lecture
3	21	3	20 Minute	Lecture

## **Offset plate making**

### **26.1 Course Overview**

1	Course	Core
2	Course Type	Theory
3	Course Code	DBOC502
4	Credit	4
5	Duration of External Examination	3 hours
6	External Assessment	80
7	Internal Assessment	20
8	Total hours	72
9	Hours per Week	4
10	Number of Modules	5
11	Total Week to complete	21
<b>Distribution of Internal Marks</b>		
12	Attendance	5
13	Assignment/Seminar	5
14	Assessment Test	10 (2 × 5 = 10)



## 26.2 Implementation Schedule

Module	Module Title	Delivery Methods	Total hours	Number of Weeks to complete
1	Offset- Lithography	Lecturing, questioning	10	3
2	CTcP (Computer to Conventional Plate	Lecturing	12	3
3	Computer-to-Plate	Chalk and talk, ICT	20	5
4	Plate Materials,	Chalk and talk, ICT	15	4
5	Relationship between Plate Sensitivity and Imaging Power	Chalk and talk, ICT	15	4

## 26.3 Continuous Evaluation Schedule

### 26.3.1 Test paper

No.	Week	Total marks	Time duration	Exam type
1	7	20	1 Hours	Assessment Test
2	14	20	1 Hours	Assessment Test
3	21	80	3 Hours	Model Examination

**26.3.2 Assignments**

No.	Week	Duration	Assignments type
1	7	1 Week	Problem solving
2	14	1 Week	Problem solving
3	21	1 Week	Problem solving

**26.3.3 Seminar**

No.	Week	Number of seminars	Time duration	Delivery method
1	7	3	20 Minute	Lecture
2	14	3	20 Minute	Lecture
3	21	3	20 Minute	Lecture

## **Web offset technology**

### **27.1 Course Overview**

1	Course	Core
2	Course Type	Theory
3	Course Code	DBOC503
4	Credit	4
5	Duration of External Examination	3 hours
6	External Assessment	80
7	Internal Assessment	20
8	Total hours	72
9	Hours per Week	5
10	Number of Modules	5
11	Total Week to complete	18
<b>Distribution of Internal Marks</b>		
12	Attendance	5
13	Assignment/Seminar	5
14	Assessment Test	10 (2 × 5 = 10)

## 27.2 Implementation Schedule

Module	Module Title	Delivery Methods	Total hours	Number of Weeks to complete
1	Different types of Web-Offset Printing Presses	Chalk and talk, ICT	10	2
2	Receiving shipping	Lecturing	12	3
3	Typical settings to be done on a sheet	Chalk and talk, ICT	20	4
4	Materials control	Chalk and talk, ICT	15	3
5	Preparation of impositions for web offset printing	Chalk and talk, ICT	15	3

## 27.3 Continuous Evaluation Schedule

### 27.3.1 Test paper

No.	Week	Total marks	Time duration	Exam type
1	6	20	1 Hours	Assessment Test
2	12	20	1 Hours	Assessment Test
3	18	80	3 Hours	Model Examination

**27.3.2 Assignments**

No.	Week	Duration	Assignments type
1	6	1 Week	Problem solving
2	12	1 Week	Problem solving
3	18	1 Week	Problem solving

**27.3.3 Seminar**

No.	Week	Number of seminars	Time duration	Delivery method
1	6	3	20 Minute	Lecture
2	12	3	20 Minute	Lecture
3	18	3	20 Minute	Lecture

**Technical and scientific documentation(P)****28.1 Course Overview**

1	Course	Core
2	Course Type	Practical
3	Course Code	DBOC504
4	Credit	6
5	Duration of External Examination	3 hours
6	External Assessment	80
7	Internal Assessment	20
8	Total hours	144
9	Hours per Week	6
10	Number of Experiments	15
11	Total Week to complete	15
<b>Distribution of Internal Marks</b>		
12	Attendance	2
13	Record	4
14	Assessment Test	4 (1 × 4 = 1)

## Multipage Design Publication(P)

### 29.1 Course Overview

1	Course	Core
2	Course Type	Practical
3	Course Code	DBOC505
4	Credit	6
5	Duration of External Examination	3 hours
6	External Assessment	80
7	Internal Assessment	20
8	Total hours	144
9	Hours per Week	6
10	Number of Experiments	15
11	Total Week to complete	15
<b>Distribution of Internal Marks</b>		
12	Attendance	2
13	Record	4
14	Assessment Test	4 (1 × 4 = 1)

**NIL(P)****30.1 Course Overview**

1	Course	Core
2	Course Type	Practical
3	Course Code	DBOC506
4	Credit	6
5	Duration of External Examination	3 hours
6	External Assessment	80
7	Internal Assessment	20
8	Total hours	144
9	Hours per Week	1
10	Number of Experiments	15
11	Total Week to complete	75
<b>Distribution of Internal Marks</b>		
12	Attendance	2
13	Record	4
14	Assessment Test	4 (1 × 4 = 1)



## **Entrepreneurship development**

### **31.1 Course Overview**

1	Course	Core
2	Course Type	Theory
3	Course Code	BOCG601
4	Credit	4
5	Duration of External Examination	3 hours
6	External Assessment	80
7	Internal Assessment	20
8	Total hours	72
9	Hours per Week	4
10	Number of Modules	5
11	Total Week to complete	21
<b>Distribution of Internal Marks</b>		
12	Attendance	5
13	Assignment/Seminar	5
14	Assessment Test	10 (2 × 5 = 10)

## 31.2 Implementation Schedule

Module	Module Title	Delivery Methods	Total hours	Number of Weeks to complete
1	entrepreneurs and different classifications	Workshop	10	3
2	Create an awareness about EDP	Erudite lecture	20	5
3	General awareness about identification of project financing	Personal counselling	20	5
4	To identify different Discuss opportunities	Seminars	12	3
5	project report relating to a small business	Personal counselling	10	3

## 31.3 Continuous Evaluation Schedule

### 31.3.1 Test paper

No.	Week	Total marks	Time duration	Exam type
1	7	20	1 Hours	Assessment Test
2	14	20	1 Hours	Assessment Test
3	21	80	3 Hours	Model Examination

**31.3.2 Assignments**

No.	Week	Duration	Assignments type
1	7	1 Week	Problem solving
2	14	1 Week	Problem solving
3	21	1 Week	Problem solving

**31.3.3 Seminar**

No.	Week	Number of seminars	Time duration	Delivery method
1	7	3	20 Minute	Lecture
2	14	3	20 Minute	Lecture
3	21	3	20 Minute	Lecture

## Publication design(P)

### 32.1 Course Overview

1	Course	Core
2	Course Type	Practical
3	Course Code	DBOC602
4	Credit	6
5	Duration of External Examination	3 hours
6	External Assessment	80
7	Internal Assessment	20
8	Total hours	144
9	Hours per Week	6
10	Number of Experiments	15
11	Total Week to complete	15
<b>Distribution of Internal Marks</b>		
12	Attendance	2
13	Record	4
14	Assessment Test	4 (1 × 4 = 1)

**Costing for printing press**

**33.1 Course Overview**

1	Course	Core
2	Course Type	Theory
3	Course Code	DBOC603
4	Credit	4
5	Duration of External Examination	3 hours
6	External Assessment	80
7	Internal Assessment	20
8	Total hours	72
9	Hours per Week	4
10	Number of Modules	5
11	Total Week to complete	21
<b>Distribution of Internal Marks</b>		
12	Attendance	5
13	Assignment/Seminar	5
14	Assessment Test	10 (2 × 5 = 10)

## 33.2 Implementation Schedule

Module	Module Title	Delivery Methods	Total hours	Number of Weeks to complete
1	Basics of Accounting	Lecturing, questioning	10	3
2	Cost Accounting. Elements of Cost	Lecturing, questioning	20	5
3	Elements of Printing Cost	Presentation, Practising	20	5
4	Labor cost,	Presentation, Practising	12	3
5	Data entry using software	Lecturing, questioning	10	3

## 33.3 Continuous Evaluation Schedule

### 33.3.1 Test paper

No.	Week	Total marks	Time duration	Exam type
1	7	20	1 Hours	Assessment Test
2	14	20	1 Hours	Assessment Test
3	21	80	3 Hours	Model Examination

**33.3.2 Assignments**

No.	Week	Duration	Assignments type
1	7	1 Week	Problem solving
2	14	1 Week	Problem solving
3	21	1 Week	Problem solving

**33.3.3 Seminar**

No.	Week	Number of seminars	Time duration	Delivery method
1	7	3	20 Minute	Lecture
2	14	3	20 Minute	Lecture
3	21	3	20 Minute	Lecture

## Printing Press management system(P)

### 34.1 Course Overview

1	Course	Core
2	Course Type	Practical
3	Course Code	DBOC604
4	Credit	6
5	Duration of External Examination	3 hours
6	External Assessment	80
7	Internal Assessment	20
8	Total hours	144
9	Hours per Week	6
10	Number of Experiments	15
11	Total Week to complete	15
<b>Distribution of Internal Marks</b>		
12	Attendance	2
13	Record	4
14	Assessment Test	4 (1 × 4 = 1)



## **Identity branding for printing**

### **35.1 Course Overview**

1	Course	Core
2	Course Type	Theory
3	Course Code	DBOC605
4	Credit	4
5	Duration of External Examination	3 hours
6	External Assessment	80
7	Internal Assessment	20
8	Total hours	72
9	Hours per Week	5
10	Number of Modules	5
11	Total Week to complete	18
<b>Distribution of Internal Marks</b>		
12	Attendance	5
13	Assignment/Seminar	5
14	Assessment Test	10 (2 × 5 = 10)

## 35.2 Implementation Schedule

Module	Module Title	Delivery Methods	Total hours	Number of Weeks to complete
1		Lecturing, questioning	10	2
2		Lecturing	20	4
3		Chalk and talk, ICT	20	4
4		Chalk and talk, ICT	12	3
5		Chalk and talk, ICT	10	2

## 35.3 Continuous Evaluation Schedule

### 35.3.1 Test paper

No.	Week	Total marks	Time duration	Exam type
1	6	20	1 Hours	Assessment Test
2	12	20	1 Hours	Assessment Test
3	18	80	3 Hours	Model Examination

**35.3.2 Assignments**

No.	Week	Duration	Assignments type
1	6	1 Week	Problem solving
2	12	1 Week	Problem solving
3	18	1 Week	Problem solving

**35.3.3 Seminar**

No.	Week	Number of seminars	Time duration	Delivery method
1	6	3	20 Minute	Lecture
2	12	3	20 Minute	Lecture
3	18	3	20 Minute	Lecture

**NIL(P)****36.1 Course Overview**

1	Course	Core
2	Course Type	Practical
3	Course Code	DBOC606
4	Credit	6
5	Duration of External Examination	3 hours
6	External Assessment	80
7	Internal Assessment	20
8	Total hours	144
9	Hours per Week	1
10	Number of Experiments	15
11	Total Week to complete	75
<b>Distribution of Internal Marks</b>		
12	Attendance	2
13	Record	4
14	Assessment Test	4 (1 × 4 = 1)