



NATIONAL BOARD FOR TECHNICAL EDUCATION

PLOT B BIDA ROAD, P.M.B. 2239, KADUNA, NIGERIA

HIGHER NATIONAL DIPLOMA IN DENTAL NURSING CURRICULUM AND COURSE SPECIFICATIONS DEVELOPED IN COLLABORATION WITH

**FEDERAL COLLEGE OF DENTAL TECHNOLOGY AND THERAPY,
ENUGU, ENUGU STATE**

SEPTEMBER, 2026

PREFACE

Technical and Vocational Education and Training (TVET) remains central to Nigeria's drive for self-reliance, improved healthcare delivery, and human capital development. In line with this mandate, the National Board for Technical Education has continued to review and upgrade curricula for programmes in our Polytechnics and Allied Institutions to meet current industry standards and global best practices. This curriculum for the Higher National Diploma (HND) Programme in Dental Nursing has been designed to produce competent, skilled, and ethically grounded middle-level manpower for the dental health sector. The programme places emphasis on clinical competence, patient care, preventive dentistry, dental materials, and community oral health, while integrating modern teaching approaches and competency-based training.

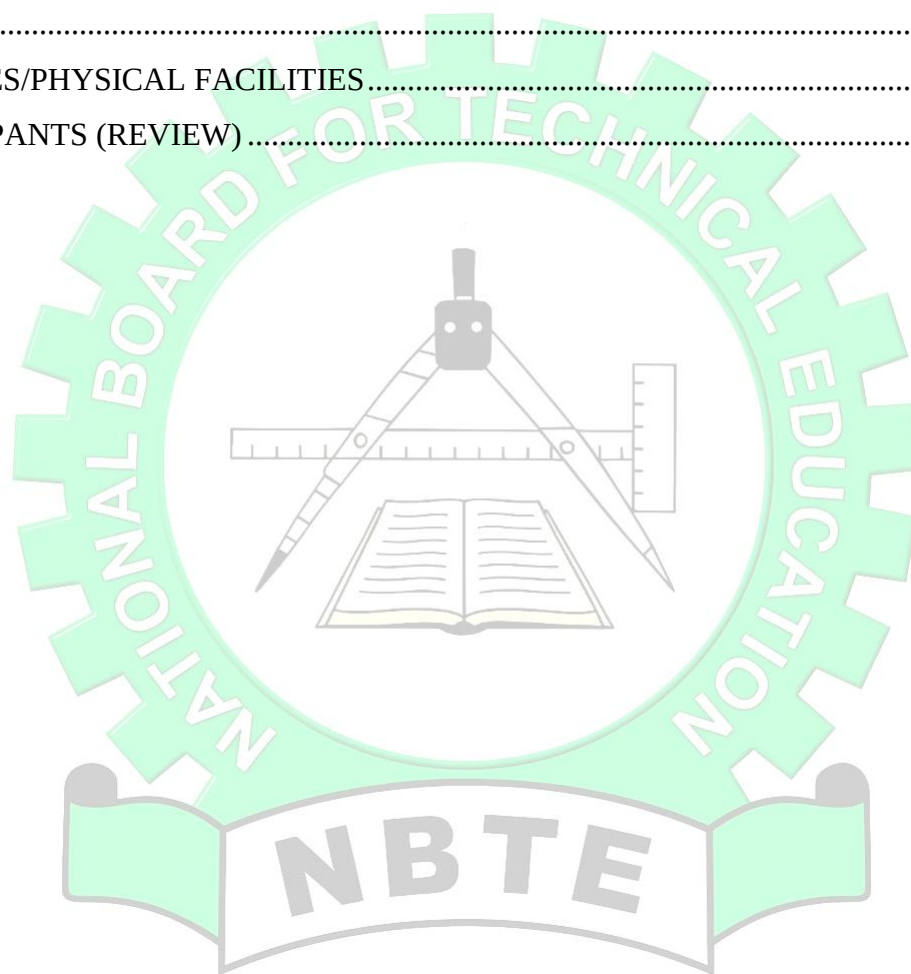
I commend the team of experts, practitioners and academics who worked painstakingly to develop this document. I must specially acknowledge and appreciate the Federal College of Dental Technology and Therapy, Enugu, Enugu State for sponsoring the curriculum workshop and for providing the technical leadership that ensured the successful critique and validation of this programme. I firmly believe that, with diligent implementation by Institutions, this curriculum will significantly enhance the quality of training for Dental Nurses and contribute meaningfully to improved oral healthcare services across the country. I therefore recommend this curriculum to all tertiary Institutions offering the HND Dental Nursing programme for strict implementation.

Prof. Idris M. Bugaje
Executive Secretary
National Board for Technical Education
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GENERAL INFORMATION

1.0 TITLE OF THE PROGRAMME:

The title of the programme is Higher National Diploma (HND) in Dental Nursing

2.0 PROGRAMME GOAL

The programme is designed to produce Dental Nurses with sound academic background, critical thinking and clinical decision making skills to plan and deliver qualitative dental nursing care to individuals, families and communities in-line with global best practice.

3.0 OBJECTIVES OF THE PROGRAMME

At the end of the programme, the diplomates should be able to:

- i. Utilize nursing process in providing comprehensive dental nursing care to individuals, families and communities at all levels and in all settings;
- ii. Apply in-depth knowledge of biological, behavioral and nursing sciences in the care of patients with oral and dental conditions;
- iii. Function effectively, independently and in collaboration with the multi-disciplinary members of the oral health/dental team in providing care and dental health services;
- iv. Utilize effectively the available resources at the institution and community level for care of clients and patients with oral health conditions;
- v. Participate in health promotion, prevention and rehabilitation for clients and patients with oral and dental conditions;
- vi. Demonstrate integrated knowledge, attitudes and skills in dental nursing;
- vii. Demonstrate skills in the management of pain in patients with oral and dental conditions;
- viii. Organise and manage effectively dental units;
- ix. Demonstrate skills in the counselling and education of clients and patients with oral and dental conditions;
- x. Initiate innovative changes in dental nursing education, practice and administration through research;
- xi. Manage enterprise.

4.0 ENTRY REQUIREMENTS

The minimum entry requirements into the Higher National Diploma (HND) in Dental Nursing are:

- i. A National Diploma (ND) in Dental Nursing from NBTE and Nursing and Midwifery Council of Nigeria (NMCN) approved Institution;
- ii. Minimum of five credit passes in relevant subjects including English Language, Mathematics, Biology, Chemistry and one additional subject at not more than two sittings.

5.0 STRUCTURE/DURATION OF THE PROGRAMME

The Programme is structured to last for two (2) academic years (four semesters) of classroom instruction, laboratory work and clinical experience. Each semester shall be for 17 weeks, made up as follows:

- i) 15 contact weeks of teaching (lectures, practicals, clinical experience);
- ii) 2 weeks for tests, registration, and examinations.

6.0 CURRICULUM

The curriculum of the HND Dental Nursing consists of four (4) main components:

- a. General studies/General education courses;
- b. Foundation courses;
- c. Professional courses;
- d. Project work;
- e. One year mandatory internship after HND programme in a relevant medical facility before mobilization for the National Youth Service Corps (NYSC) Scheme

7.0 STAFFING REQUIREMENTS

7.1 Headship of the Department

The HOD should not be below the rank of a Senior Lecturer who is qualified in the discipline/field of Dental Nursing with a valid practicing license with NMCN and have post qualification cognate experience in industrial, teaching and educational management, so that he/she can co-ordinate and manage the students' affairs and also to handle the practical aspect of the training which will guarantee the education and training advisory board that the department is being efficient and effectively coordinated.

7.1 Core Teaching Staff

At the point of mounting the programme, there should be a minimum of four (4) Lecturers who should spread from Lecturer II and above with a minimum of first/second degrees in Nursing or equivalent.

7.2 Technical Staff

Technical staff should be:

- i) **Technologist**
A Technologist is a highly skilled professional trained at the Higher National Diploma (HND) level. They possess advanced technical and practical knowledge in their field and are capable of supervising operations, managing projects, operating modern equipment, and applying technology to solve practical problems.
- ii) **Technician**
A Technician is a middle-level manpower trained at the National Diploma (ND) level. Technicians are responsible for carrying out technical tasks, operating tools and equipment, and assisting technologists and professionals in practical activities.

8.0 ACADEMIC AND CAREER PROGRESSION

The diplomates of the programme can pursue higher degrees (PGD and MSc.) in Dental Nursing/Nursing/related areas.

9.0 ACADEMIC AND CAREER PROSPECTS

Holders of the HND can further their studies at postgraduate level. They can work in public or private establishments or organizations such as:

- i. Primary Health Care (PHCs);
- ii. Dental Clinics;
- iii. Hospitals;
- iv. Teaching;
- v. Industries;
- vi. Military/Para-military;
- vii. Non-Governmental Organizations (NGOs) etc.; or
- viii. Can be a successful entrepreneur in Dental-Nursing based business enterprises.

10.0 CERTIFICATION

A diplomate of this Programme shall be awarded the Higher National Diploma (HND) in Dental Nursing.

11.0 AWARD OF HIGHER NATIONAL DIPLOMA (HND)

The Higher National Diploma certificate in Dental Nursing shall be awarded by the authority of the Academic Board of the institution under the following conditions:

- i) Satisfactory performance in all prescribed coursework/assignments, tests/quizzes, clinical practice, laboratory work, etc.
- ii) Satisfactory performance in all semester examinations;
- iii) Satisfactory completion of written project/seminar papers.

11.1 Conditions for the Award of HND

Institutions offering accredited programmes will award the Higher National Diploma to candidates who successfully completed the programme after passing the prescribed course-work, examinations, diploma project etc. Courses shall be graded as follows:

MARK RANGE	LETTER GRADE	WEIGHTING
75% and above	A	4.00
70% – 74%	AB	3.50
65% – 69%	B	3.25
60% – 64%	BC	3.00
55% – 59%	C	2.75

50% – 54%	CD	2.50
45% – 49%	D	2.25
40% – 44%	E	2.00
Below 40%	F	0.00

11.2 Classification of Diplomas:

Diploma Certificates shall be awarded based on the following classifications:

CGPA	CLASS OF DIPLOMA
CGPA 3.50 and above	Distinction
CGPA 3.00-3.49	Upper Credit
CGPA 2.50-2.99	Lower Credit
CGPA 2.00-2.49	Pass

12.0 ACCREDITATION OF PROGRAMME

The Dental Nursing shall be accredited by the NBTE before the diplomates are awarded the certificates. Details about the process of accrediting a programme for the award of HND are available from the Board's website web.nbte.gov.ng or through correspondence to: The Executive Secretary, NBTE, Plot 'B' Bida Road, P.M.B 2239, Kaduna, Nigeria.

13.0 LOGBOOK

A personal logbook for each course is to be kept by the students. It shall contain all the recordings of the day-to-day, weekly and semester practical works/activities from day one to the end of the programme. This is to be checked, marked appropriately and endorsed by all lecturers concerned at the end of every week.

14.0 FINAL YEAR PROJECTS

Final year students are expected to carry out project work, either on individual or group basis (not more than 2 per group). The project topics should as much as possible be related to the programme and serve as useful tools for further Research and/or Development. Projects should be properly supervised, and their reports well presented. The Institution should develop formats for presenting and grading projects. The formats should be adopted as applied to each stakeholder.

15.0 GUIDANCE NOTES FOR TEACHERS OF THE PROGRAMME

15.1 The new curriculum is drawn in unit courses. This is in keeping with the provisions of the National Policy on Education which stress the need to introduce the semester credit units which will enable a student, who so wishes, to transfer the units already completed in an institution of similar standard from which he/she is transferring.

15.2 In designing the units, the principle of the modular system by product has been adopted, thus making each of the professional modules, when completed provides the student with technician operative skills, which can be used for employment purposes.

15.3 As the success of the credit unit system depends on the articulation of programmes between the institution and industry, the Curriculum content has been written in behavioral objectives, so that the expected performance of the student is clear to all students who successfully completed some of the courses or the diplomates of the programme. There is a slight departure in the presentation of the performance-based curriculum which requires the conditions under which the performance is expected to be carried out and the criteria for the acceptable levels of performance. It is a deliberate attempt to further involve the staff of the department teaching the programme to write their own curriculum stating the conditions existing in their institution under which the performance can take place and follow that with the criteria for determining an acceptable level of performance. Departmental submission on the final curriculum may be vetted by the Academic Board of the institution. Our aim is to continue to see to it that a solid internal Evaluation system exists in each institution for ensuring minimum standard and quality of education in the programmes offered throughout the polytechnic system.

15.4 The teaching of theory and practical work should, as much as possible, be integrated. Practical exercises, especially those in professional courses and laboratory work should not be taught in isolation from the theory. For each course, there should be a balance of theory to practice in the ratio of 50:50 or 60:40 or the reverse.

16.0 GUIDELINES ON MANDATORY SKILLS QUALIFICATIONS (MSQ)

Please, refer to NBTE guidelines for implementation of MSQ in Polytechnics. This can be downloaded from NBTE website (web.nbte.gov.ng).



CURRICULUM TABLE

Year I - Semester I

S/N	COURSE CODE	COURSE TITLE	L	T	P	CU	CH
1.	GNS 301	Use of English III	2	0	0	2	2
2.	MSQ 311	Principles of Quality Assurance Assessment	1	0	1	2	2
3.	DNP 311	Applied Anatomy and Physiology I	1	0	2	3	3
4.	DNP 312	Foundation of Dental Nursing Practice III	1	0	2	3	3
5.	DNP 313	Primary Oral Health	1	0	2	3	3
6.	DNP 314	Principles of Dental Nursing	1	0	2	3	3
7.	DNP 315	Pharmacodynamics and Chemotherapy	1	0	1	2	2
8.	DNP 316	Epidemiology in Nursing	1	0	1	2	2
9.	DNP 317	Pedodontic Dental Nursing	1	0	2	3	3
10.	DNP 318	Clinical Practice in Dental Nursing	0	0	3	3	3
TOTAL			10	0	16	26	26

Year I- Semester II

S/N	COURSE CODE	COURSE TITLE	L	T	P	CU	CH
1.	GNS 302	Communication in English III	2	0	0	2	2
2.	ENT 326	Practice of Entrepreneurship I	2	0	2	4	4
3.	MSQ 321	Practice of Quality Assurance Assessment	1	0	1	2	2
4.	DNP 321	Dental Radiology and Processing	1	0	2	3	3
5.	DNP 322	Applied Anatomy and Physiology II	1	0	2	3	3
6.	DNP 323	Oral Pathology	1	0	2	3	3
7.	DNP 324	Ethico-Legal Issues in Dental Nursing	2	0	0	2	2
8.	DNP 325	Dental Prosthetics	1	0	2	3	3
9.	DNP 326	Orthodontic in Dental Nursing	1	0	2	3	3
TOTAL			13	0	12	25	25

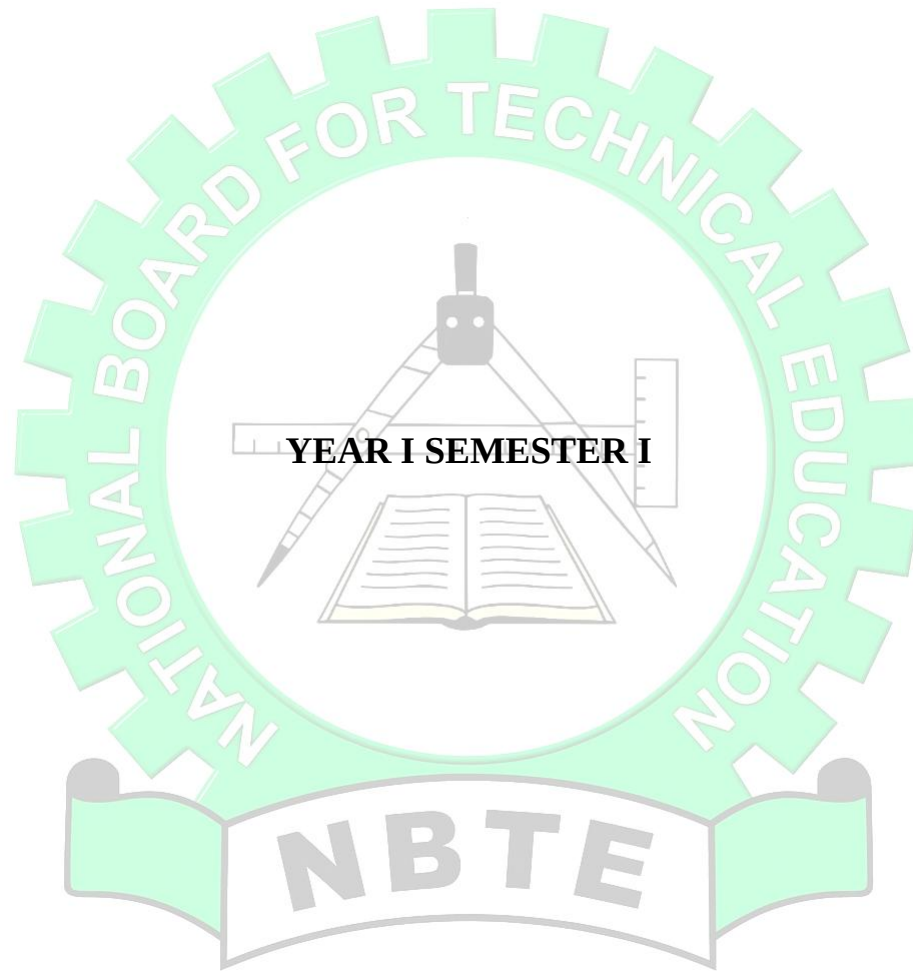
Year II- Semester I

S/N	COURSE CODE	COURSE TITLE	L	T	P	CU	CH
1.	GNS 401	Communication in English IV	2	0	2	4	4
2.	GNS 411	Introduction to Psychology	3	0	0	3	3
3.	ENT 416	Practice of Entrepreneurship II	2	0	2	4	4
4.	DNP 411	Oral and Maxillofacial Surgery I	1	0	2	3	3
5.	DNP 412	Preventive and Community Dental Health Nursing	1	0	2	3	3
6.	DNP 413	Restorative and Prosthodontics I	1	0	2	3	3
7.	DNP 414	Principles of Health Management and Administration	2	0	0	2	2
8.	DNP 415	Research Methodology in Dental Nursing	1	0	3	4	4
TOTAL			13	0	13	26	26

Year II- Semester II

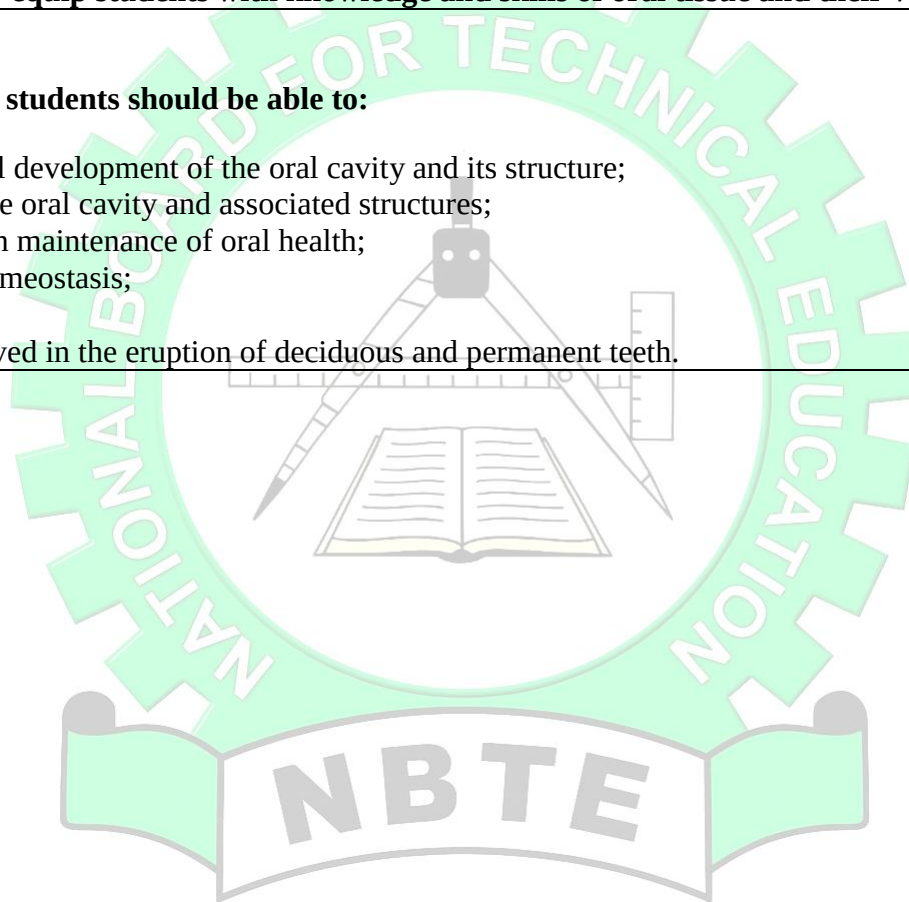
S/N	COURSE CODE	COURSE TITLE	L	T	P	CU	CH
1.	DNP 421	Oral and Maxillofacial Surgery II	1	0	2	3	3
2.	DNP 422	Restorative and Prosthodontics II	1	0	2	3	3
3.	DNP 423	Seminar in Dental Nursing	1	0	2	3	3
4.	DNP 425	Clinical Practice in Dental Nursing II	0	0	4	4	4
5.	DNP 426	Ear, Nose and Throat	1	0	2	3	3
6.	DNP 427	Final Year Project	0	0	6	6	6
TOTAL			4	0	18	22	22

Keys: L – Lectures (Hours/week), T – Tutorial (Hours/week), P – Practical (Hours/week), CU – Credit Unit, CH – Contact Hours (Hours/week)



APPLIED ANATOMY AND PHYSIOLOGY I

PROGRAMME: HIGHER NATIONAL DIPLOMA IN DENTAL NURSING		
COURSE TITLE: APPLIED ANATOMY AND PHYSIOLOGY I	COURSE CODE: DNP 311	CONTACT HOURS: 3 HOURS/WEEK
	CREDIT UNIT: 3	THEORETICAL: 1 HOUR/WEEK
YEAR: I SEMESTER: I	PRE-REQUISITE:	PRACTICAL: 2 HOURS/WEEK
GOAL: The course is designed to equip students with knowledge and skills of oral tissue and their various stages of development		
GENERAL OBJECTIVES: On completion of this course, the students should be able to: 1.0 Understand the embryological development of the oral cavity and its structure; 2.0 Understand the anatomy of the oral cavity and associated structures; 3.0 Know the function of saliva in maintenance of oral health; 4.0 Understand the process of Homeostasis; 5.0 Know the tooth morphology; 6.0 Understand the process involved in the eruption of deciduous and permanent teeth.		



PROGRAMME: HIGHER NATIONAL DIPLOMA IN DENTAL NURSING						
COURSE TITLE: APPLIED ANATOMY AND PHYSIOLOGY I		COURSE CODE: DNP 311		CONTACT HOURS: 3 HOURS/WEEK		
		CREDIT UNIT: 3		THEORETICAL: 1 HOUR/WEEK		
YEAR: I SEMESTER: I		PRE-REQUISITE:		PRACTICAL: 2HOURS/WEEK		
COURSE SPECIFICATION: THEORETICAL AND PRACTICAL						
GOAL: The course is designed to equip students with knowledge and skills of oral tissue and their various stages of development						
GENERAL OBJECTIVE 1.0: Understand the Embryological Development of the Oral Cavity and its Structure						
THEORETICAL CONTENT				PRACTICAL CONTENT		
Week	Specific Learning Outcome	Teacher’s Activities	Resources	Specific Learning Outcome	Teacher’s Activities	Resources
1-3	1.1 Explain early developmental stages under the following headings: i. The basal lamina; ii. Mesodermal tissue of the maxillary and mandibular process; iii. Primary epithelial band iv. Vestibular band; v. Dental lamina; vi. Dental papilla; vii. Sheath of Hertwig. 1.2 Explain period of formation of the various stages listed in 1.1 above. 1.3 Explain: i. Amelogenesis (early development, late development,	- Describe early developmental stages under the following headings: - The basal lamina; - Mesodermal tissue of the maxillary and mandibular process; - Primary epithelial band; - Vestibular band; - Dental lamina; - Dental papilla; - Sheath of Hertwig. - Discuss period of formation of the various stages listed in 1.1 above. - Describe: - Amelogenesis	Textbooks, Whiteboard, Markers, Multimedia Projector, Audio visual aids, Posters, Charts, etc.	Identify different developmental stages of tooth structures	Guide students to identify different developmental stages of tooth structures	Tooth models, Phantom heads, Charts, Video clips, Multimedia projector.

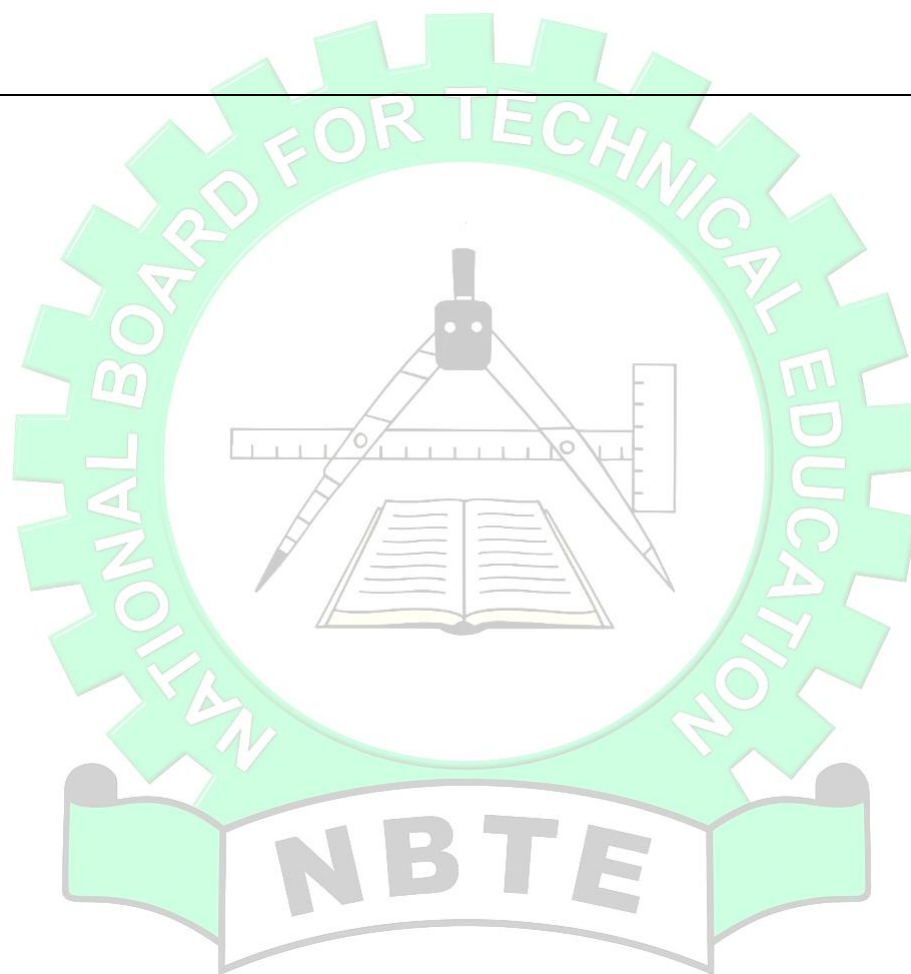
	amelogenesis imperfect, matrix formation, classification of matrix and maturation); ii. Dentinogenesis ((Early dentine development and Later Dentine development); iii. Pulp tissue. 1.4 Describe developmental stages of teeth under the following: i. Dental follicles. ii. Gum pads.	(early development, late development, amelogenesis imperfect, matrix formation, classification of matrix and maturation); - Dentinogenesis ((Early dentine development and Later Dentine development); - Pulp tissue. • Explain developmental stages of teeth under the following: - Dental follicles; - Gum pads.				
General Objective 2.0: Understand the Anatomy of the oral cavity and associated structures						

4-6	2.1 Explain anatomy of oral cavity and associated structures. 2.2 Describe Salivary Glands and their locations: parotid, submandibular, and sublingual. 2.3 List the functions of the salivary glands. 2.4 Explain Minor and Major salivary glands distribution in the mouth (palate, Tonsils and Adenoids).	- Describe anatomy of oral cavity and associated structures - Explain Salivary Glands and their locations: parotid, submandibular, and sublingual. - Outline the functions of the salivary glands - Describe Minor and Major salivary glands distribution in the mouth (palate, Tonsils and Adenoids)	Textbooks, Whiteboard, Markers, Multimedia Projector, Audio visual aids, Posters, Charts, etc.	- Identify the salivary glands locations using models - Draw well-labelled salivary glands.	Guide students to: - Identify the salivary glands locations using models - Draw well-labelled salivary glands.	Tooth models, Phantom heads, Charts, Video clips, Multimedia projector
General Objective 3.0: Know the function of saliva in maintenance of oral health						
7-8	3.1 Explain Secretion of saliva. 3.2 Explain composition of saliva. 3.3 Explain the functions of saliva.	- Describe Secretion of saliva. - Discuss composition of saliva. - Outline the functions of saliva.	Textbooks, Whiteboard, Markers, Multimedia Projector, Audio visual aids, Posters, Charts, etc.	- Identify tools for collection of saliva - Collect sample of saliva using swab for laboratory analysis	Guide students to: - Identify tools for collection of saliva - Collect sample of saliva using swab for laboratory analysis	Swab, Specimen bottles, Mouth mirror, PPE.
General Objective 4.0: Understand the process of Homeostasis						

9-10	4.1 Define Homeostatsis. 4.2 Explain the Process of a Homeostasis. 4.3 List the functions of Homeostasis.	• Explain Homeostatsis. • Describe the Process of a Homeostasis. • Outline the functions of Homeostasis.	Textbooks, Whiteboard, Markers, Multimedia Projector, Audio visual aids, Posters, Charts, etc.			
General Objective 5.0: Know the tooth morphology						
11-12	5.1 Define messio-distal. 5.2 Explain buccal-lingual. 5.3 Describe labial-occlusa and incisal surface.	• Describe messio-distal. • Explain buccal-lingual. • Explain labial-occlusa and incisal surface.	Textbooks, Whiteboard, Markers, Multimedia Projector, Audio visual aids, Posters, Charts, etc.	• Identify the different surfaces of the tooth using dental models.	• Guide students to identify the different surfaces of the tooth using dental models.	Tooth models, Phantom heads, Charts, Video clips, Multimedia projector.
General Objective 6.0: Understand the process involved in the eruption of deciduous and permanent teeth.						
13-15	6.1 Explain Tooth Eruption. 6.2 Explain the types of eruption 6.3 Describe the period of each eruption 6.4 Explain the Exfoliation of deciduous teeth.	• Describe Tooth eruption. • Describe the types of eruption • Describe the period of each eruption • Describe the exfoliation of deciduous teeth.	Textbooks, Whiteboard, Markers, Multimedia Projector, Audio visual aids, Posters, Charts, etc.	• Identify stages of tooth eruption using video clips. • Interpret dental charts	Guide students to: • Identify stages of tooth eruption using video clips • Interpret dental charts	Dental charts, Video clips, Multimedia projector.

Course Assessment:

Course work:	10%
Test/Assignment:	10%
Practical:	40%
Examination:	40%
Total:	100%



FOUNDATION OF DENTAL NURSING PRACTICE III

PROGRAMME: HIGHER NATIONAL DIPLOMA IN DENTAL NURSING

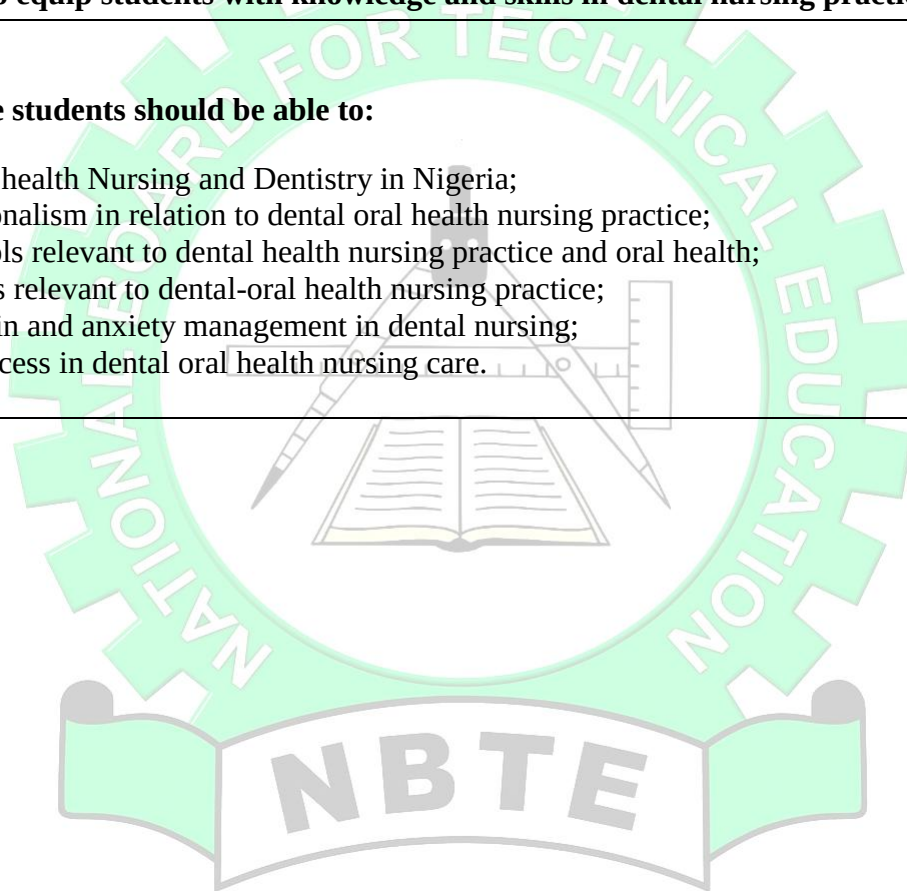
COURSE TITLE: FOUNDATION OF DENTAL NURSING PRACTICE III	COURSE CODE: DNP 312	CONTACT HOURS: 3 HOURS/WEEK
	CREDIT UNIT: 3	THEORETICAL: 1 HOUR/WEEK
YEAR: I SEMESTER: I	PRE-REQUISITE: DNP 111, DNP 121	PRACTICAL: 2 HOURS/WEEK

GOAL: This course is designed to equip students with knowledge and skills in dental nursing practice

GENERAL OBJECTIVES:

On completion of this course, the students should be able to:

- 1.0 Know the history of dental oral health Nursing and Dentistry in Nigeria;
- 2.0 Understand ethics and professionalism in relation to dental oral health nursing practice;
- 3.0 Know the basic concept and tools relevant to dental health nursing practice and oral health;
- 4.0 Know the diagnostic procedures relevant to dental-oral health nursing practice;
- 5.0 Understand the principles of pain and anxiety management in dental nursing;
- 6.0 Understand communication process in dental oral health nursing care.



PROGRAMME: HIGHER NATIONAL DIPLOMA IN DENTAL NURSING						
COURSE TITLE: FOUNDATION OF DENTAL NURSING PRACTICE III		COURSE CODE: DNP 312		CONTACT HOURS: 3 HOURS/WEEK		
		CREDIT UNIT: 3		THEORETICAL: 1 HOUR/WEEK		
YEAR: I SEMESTER: I		PRE-REQUISITE: DNP 111, DNP 121		PRACTICAL: 2 HOURS/WEEK		
COURSE SPECIFICATION: THEORETICAL AND PRACTICAL						
GOAL: This course is designed to equip students with knowledge and skills in dental nursing practice						
GENERAL OBJECTIVE 1.0: Know the history of dental oral health Nursing and Dentistry in Nigeria						
THEORETICAL CONTENT				PRACTICAL CONTENT		
Week	Specific Learning Outcome	Teacher’s Activities	Resources	Specific Learning Outcome	Teacher’s Activities	Resources
1-2	1.1 Discuss the history of dental oral health nursing and dentistry in Nigeria. 1.2 Explain historical perspective of dentistry and dental oral health 1.3 Explain relevant international and national policies on dental health care 1.4 Outline the Legislation on dental oral health.	• Explain the history of dental oral health nursing and dentistry in Nigeria • Discuss historical perspective of dentistry and dental oral health • Discuss the relevant international and national policies on dental health care. • Explain the Legislation on dental oral health.	Marker board, Marker, Textbooks, Projector, Computer system, etc.			
General Objective 2.0: Understand ethics and professionalism in relation to dental oral health nursing practice						

3-4	2.1 Explain Ethics. 2.2 Explain application of ethics in Dental Nursing. 2.3 Explain Professionalism. 2.4 Outline Nursing Theories. 2.5 Outline characteristic and qualities of a dental- oral health nurse 2.6 Explain the concept of basic human needs. (basic needs of clients/patient). 2.7 Explain health-illness continuum.	• Discuss Ethics. • Discuss application of ethics in Dental Nursing. • Describe Professionalism. • Discuss Nursing Theories. • Describe characteristic and qualities of a dental and oral health nurse • Discuss the concept of basic human needs (basic needs of clients/patients). • Describe health-illness continuum.	Marker board, Marker, Textbooks, Projector, Computer system, etc.			
General Objective 3.0: Know the basic concept and tools relevant to dental health nursing practice and oral health						
5-6	3.1 Discuss the basic concepts and tools relevant in dental-oral health nursing practice. 3.2 Outline the functions of basic tools relevant in dental-oral health nursing practice. 3.3 Describe basic dental-oral health tools.	• Explain basic concepts and tools relevant to dental oral health nursing practice. • Explain the functions of basic tools relevant to dental oral health nursing practice. • Explain the basic dental-oral health tools.	Marker board, Marker, Textbooks, Projector, Computer system, etc.	• Identify basic tools relevant to dental oral health nursing practice • Demonstrate the application of the basic dental-oral health tools into practice.	Guide students to: • Identify different basic tools in Dental-oral health nursing practice • Demonstrate the application of basic dental-oral health tools into practice	Examination sets, Multimedia projector, Video clips, Charts, Phantom head.

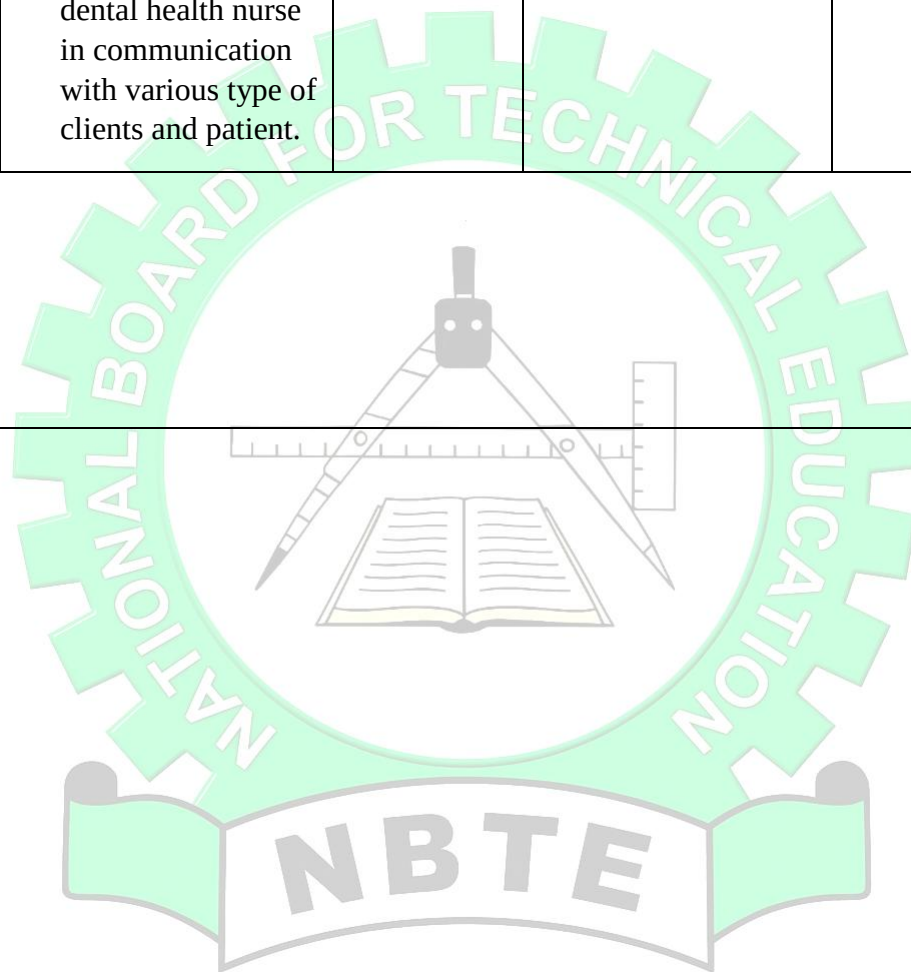
General Objective 4.0: Know the diagnostic procedures relevant to dental-oral health nursing practice						
6-9	4.1 Explain principles of diagnosis and diagnostic procedures relevant to dental oral health nursing practice. 4.2 List the diagnostic procedures. 4.3 Explain components of history taking: - Personal details; - Present complaints; - History of present complaints; - Dental history; - Past medical history; - Family history. 4.4 Explain physical examination- head to toe prognosis. 4.5 Define provisional diagnosis. 4.6 Itemize the factors affecting provisional diagnosis. 4.7 Explain various special tests e.g. radiograph, pulp test study model reference to	- Discuss principles of diagnosis and diagnostic procedures relevant to dental oral health nursing practice. - Explain diagnostic the procedures. - Discuss components of history taking: - Personal details; - Present complaints; - History of present complaints; - Dental history; - Past medical history; - Family history. - Describe physical examination- head to toe prognosis. - Explain provisional diagnosis. - Explain Factors affecting provisional prognosis. - Discuss various special tests e.g.	Marker board, Marker, Textbooks, Projector, Computer system, etc.	- Demonstrate diagnostic procedures relevant to dental oral health nursing practice - Identify the diagnostic procedures - Perform physical examination - Perform provisional diagnosis - Perform dental radiograph exposure and process - Carry out pulp vitality test. - Collect specimen for bleeding and clotting factors - Perform Intra-oral examination	Guide the students to: - Demonstrate diagnostic procedures relevant to dental oral health nursing practice - Identify the diagnostic procedures - Perform physical examination - Perform provisional diagnosis - Perform dental radiograph exposure and process - Carry out pulp vitality test. - Collect specimen for bleeding and clotting factors - Perform Intra-	Phantom head, Dental units, Examination sets, Multimedia projector, Models, Manequine, Stethoscope, Sphygmomanometer, thermometers, Stadiometer, Dental x-ray machine, Film X-ray hanger, Pulp vitality tester, Specimen bottle, PPE.

	laboratory for bleeding, clotting test and hemoglobin estimation. 4.8 Explain oral examination of Intraoral structures.	radiograph test pop test study model reference to laboratory for bleeding, clotting test and hemoglobin estimation • Discuss oral examination of intra-oral structures.			oral examination	
General Objective 5.0: Understand the principles of pain and anxiety management in dental nursing						
10-11	5.1 Explain Principles of patient care, pain and anxiety management in dental oral health nursing 5.2 Itemize types of pain. 5.3 Itemize the level of pain.	• Discuss principles of patient care, pain and anxiety. • Explain types of pain. • Explain the level of pain.	Marker board, Marker, Textbooks, Projector, Computer system, etc.	• Measure the level of pain using pain scale	• Guide the students on how to measure the level of pain using pain scale.	Pain Assessment Tools (PAT).
General Objective 6.0: Understand communication process in dental oral health nursing care						
12-15	6.1 Explain the concept of communication. 6.2 Explain communication process in dental health nursing care. 6.3 Explain techniques of communication in dental rural health nursing care (use of verbal and nonverbal	• Discuss the concept of communication. • Discuss communication process in dental health nursing care. • Discuss techniques of communication in dental- oral health nursing care (use of verbal and nonverbal	Marker board, Marker, Textbooks, Projector, Computer system, etc.	• Demonstrate communication process in dental health nursing care.	• Guide the students on communication process in dental health nursing care.	Audio-visual equipment.

	communication technique). 6.4 Itemize the roles of dental health nurse in communication with various type of clients and patient.	communication technique language). • Explain the roles of dental health nurse in communication with various type of clients and patient.				
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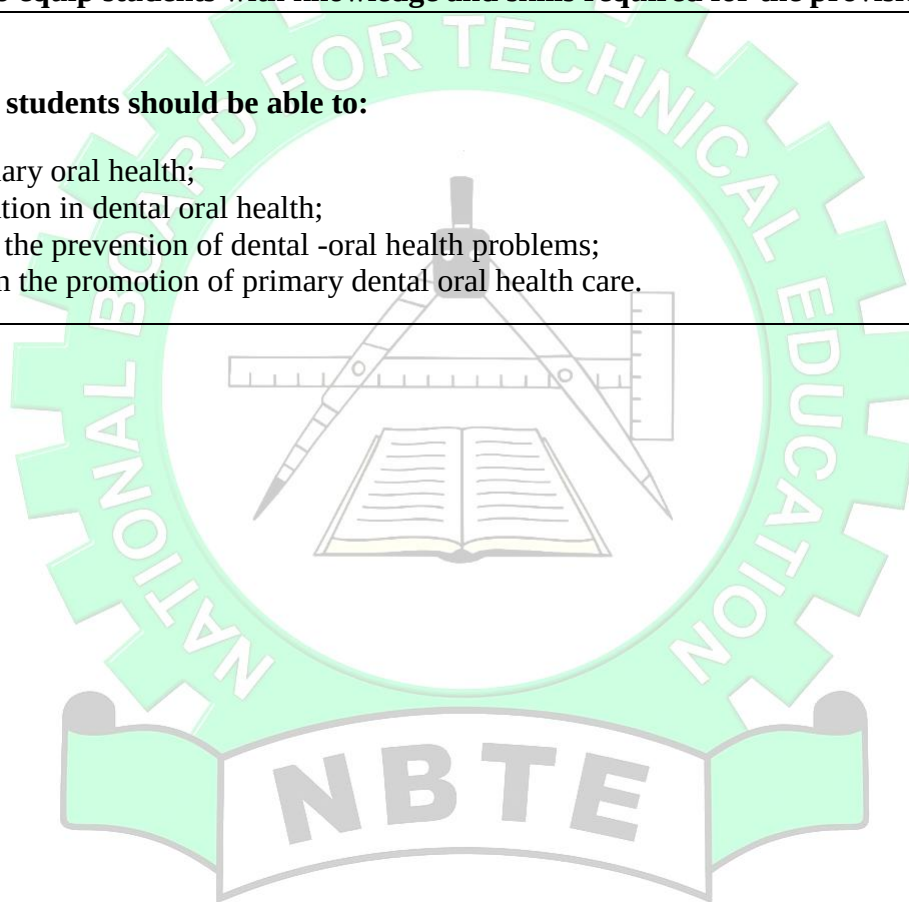
Course Assessment:

Course work:	10%
Test/Assignment:	10%
Practical:	40%
Examination:	40%
Total:	100%



PRIMARY ORAL HEALTH

PROGRAMME: HIGHER NATIONAL DIPLOMA IN DENTAL NURSING		
COURSE TITLE: PRIMARY ORAL HEALTH	COURSE CODE: DNP 313	CONTACT HOURS: 3 HOURS/WEEK
	CREDIT UNIT: 3	THEORETICAL: 1 HOUR/WEEK
YEAR: I SEMESTER: I	PRE-REQUISITE:	PRACTICAL: 2 HOURS/WEEK
GOAL: This course is designed to equip students with knowledge and skills required for the provision of Oral Health Care.		
GENERAL OBJECTIVES:		
On completion of this course, the students should be able to:		
1.0 Understand the concept of primary oral health;		
2.0 Apply principle of health education in dental oral health;		
3.0 Know the measures required in the prevention of dental -oral health problems;		
4.0 Know the role of dental nurse in the promotion of primary dental oral health care.		



PROGRAMME: HIGHER NATIONAL DIPLOMA IN DENTAL NURSING						
COURSE TITLE: PRIMARY ORAL HEALTH			COURSE CODE: DNP 313		CONTACT HOURS: 3 HOURS/WEEK	
			CREDIT UNIT: 3		THEORETICAL: 1 HOUR/WEEK	
YEAR: I SEMESTER: I			PRE-REQUISITE:		PRACTICAL: 2 HOURS/WEEK	
COURSE SPECIFICATION: THEORETICAL AND PRACTICAL						
GOAL: This course is designed to equip students with knowledge and skills required for the provision of Oral Health Care.						
GENERAL OBJECTIVE 1.0: Understand the concept of primary oral health						
THEORETICAL CONTENT				PRACTICAL CONTENT		
Week	Specific Learning Outcome	Teacher’s Activities	Resources	Specific Learning Outcome	Teacher’s Activities	Resources
1-2	1.1 Explain Primary Oral Health. 1.2 Explain the Concept of the following: i. Importance of oral health; ii. Components of the mouth; iii. Relationship between oral health and general health. 1.3 Discuss Functions of the Following; i. Types of teeth; ii. Parts of tooth; iii. Primary and Permanent teeth; iv. Functions of different teeth.	• Describe Primary Oral Health • Explain the importance of oral health • Identify component of the mouth • Describe the relationship between oral health and general health • Explain the functions of the following: - Types of teeth; - Parts of tooth; - Primary and Permanent teeth; - Functions of different teeth.	Textbook, Whiteboard, Marker, Multimedia projector, Charts, etc.			
General Objective 2.0: Apply the principles of health education in dental oral health education.						
3-6	2.1 Explain the Principles of health	• Discuss the principles of health	Textbook, Whiteboard,	• Demonstrate Oral Health	• Guide students to demonstrate Oral	Food models, Food charts,

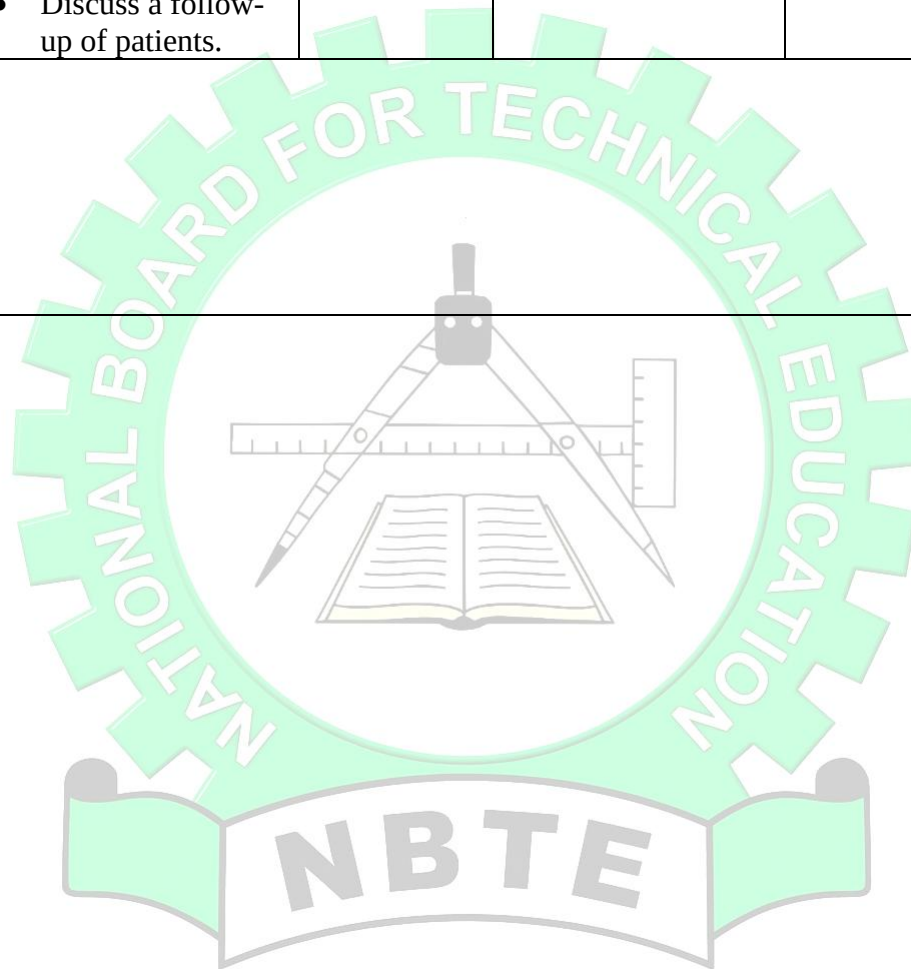
	education in dental oral health. i. Health promotion; ii. Disease Prevention; iii. Early detection; iv. Proper treatment. 2.2 Explain oral health education i. Oral hygiene Practice ii. Toothpaste and fluoride; iii. Proper tooth brushing techniques; iv. Regular dental check-up. 2.3 Explain the importance of a healthy diet and limiting sugary foods	education in dental oral health: - Health promotion; - Disease Prevention; - Early detection; - Proper treatment; • Discuss oral health education. - Oral hygiene Practice; - toothpaste and fluoride; - Proper tooth brushing techniques; - Regular dental check-up. • Discuss the importance of a healthy diet and limiting sugary foods	Marker, Multimedia projector, Charts, etc.	Education practice	Health Education practice	Tooth brush, Tooth paste, Model, Posters, Charts, Whiteboard, Marker.
General Objective 3.0: Know the measures required in prevention of dental oral health problems.						
7-10	3.1 Outline dental oral health measures. 3.2 Discuss the following measures in the prevention of dental oral health problems: i. Regular dental	• Explain Dental Oral health measures. • Explain the following measures in the prevention of dental oral health	Textbook, Whiteboard, Marker, Multimedia projector, Charts, etc.	• Demonstrate measures in the prevention of dental oral health problems.	• Guide students to demonstrate measures in the prevention of dental oral health problems.	Models, Tooth brush, Dental floss Whiteboard, Marker Multimedia projector, Video clips,

	visits and checkup; ii. Reduction of sugar intake; iii. Adequate intake of fluid; iv. Cessation of tobacco intake; v. Avoidance of carcinogenic food. 3.3 Explain the importance of brushing the teeth at least twice daily with fluoride tooth paste	problems: - Regular dental visits and checkup; - Reduction of sugar intake; - Adequate intake of fluid; - Cessation of tobacco intake; - Avoidance of carcinogenic food. • Discuss the importance of brushing the teeth at least twice daily with fluoride tooth paste.				Charts.
General Objective 4.0: Know the roles of dental nurse in the promotion of primary dental oral health care.						
11-15	4.1 Explain role of the dental oral health nurse in the promotion of the primary health Care. i. Oral Health Education; ii. Early detection; iii. Diet and lifestyle counseling; iv. Supply preventive aids. 4.2 Explain assessment of patient: i. History taking;	• Discuss role of the dental oral health nurse in the promotion of the primary health Care. - Oral Health Education; - Early detection; - Diet and lifestyle counseling; - Supply preventive aids. • Discuss assessment	Textbook, Whiteboard, Marker, Multimedia projector, Charts, etc.	• Demonstrate history taking of patient. • Demonstrate intra and extra-oral examination. • Demonstrate planning a follow-up of patients.	Guide students to: • Demonstrate history taking of patient. • Demonstrate intra and extra-oral examination. • Demonstrate planning a follow-up of patients.	Models, Tooth brush, Dental floss Whiteboard, Marker Multimedia projector, Video clips, Charts.

	ii. Intra and extra-oral examination. 4.3 Explain follow-up of patients.	of client history taking, intra and extra-oral examination. • Discuss a follow-up of patients.				
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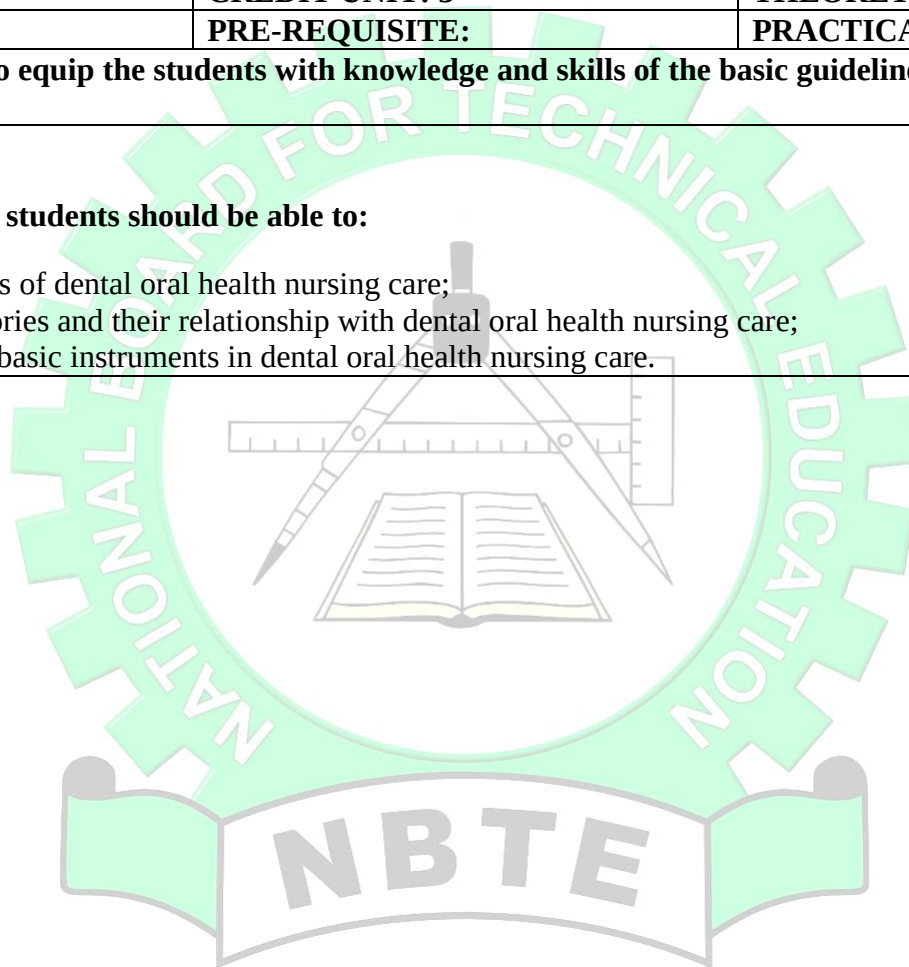
Course Assessment:

Course work:	10%
Test/Assignment:	10%
Practical:	40%
Examination:	40%
Total:	100%



PRINCIPLES OF DENTAL NURSING

PROGRAMME: HIGHER NATIONAL DIPLOMA IN DENTAL NURSING		
COURSE TITLE: PRINCIPLES OF DENTAL NURSING	COURSE CODE: DNP 314	CONTACT HOURS: 3 HOURS/WEEK
	CREDIT UNIT: 3	THEORETICAL: 1 HOUR/WEEK
YEAR: I SEMESTER: I	PRE-REQUISITE:	PRACTICAL: 2 HOURS/WEEK
GOAL: This course is designed to equip the students with knowledge and skills of the basic guidelines that govern provision of dental nursing care.		
GENERAL OBJECTIVES: On completion of this course, the students should be able to: 1.0 Understand the basic principles of dental oral health nursing care; 2.0 Know the various nursing theories and their relationship with dental oral health nursing care; 3.0 Understand the application of basic instruments in dental oral health nursing care.		



PROGRAMME: HIGHER NATIONAL DIPLOMA IN DENTAL NURSING						
COURSE TITLE: PRINCIPLES OF DENTAL NURSING		COURSE CODE: DNP 314		CONTACT HOURS: 3 HOURS/WEEK		
		CREDIT UNIT: 3		THEORETICAL: 1 HOUR/WEEK		
YEAR: I SEMESTER: I		PRE-REQUISITE:		PRACTICAL: 2 HOURS/WEEK		
COURSE SPECIFICATION: THEORETICAL AND PRACTICAL						
GOAL: This course is designed to equip the students with knowledge and skills of the basic guidelines that govern provision of dental nursing care.						
GENERAL OBJECTIVE 1.0: Understand and apply the basic principles of Dental Nursing						
THEORETICAL CONTENT				PRACTICAL CONTENT		
Week	Specific Learning Outcome	Teacher’s Activities	Resources	Specific Learning Outcome	Teacher’s Activities	Resources
1-4	1.1 Explain Dental oral health nursing. 1.2 Explain the basic principles of Dental Oral Health Nursing: i. Patient centered care; ii. Safe practice; iii. Proper record keeping. 1.3 Outline the roles and responsibilities of dental oral health nurse. i. Prepare dental clinic; ii. Prepare and arrange dental instruments and materials needed for treatment; iii. Work with a dentist during dental procedure.	• Discuss Dental oral health nursing • Explain the basic principles of Dental Oral Health Nursing: - Patient centered care; - Safe practice; - Proper record keeping. • Discuss the roles and responsibilities of dental oral health nurse. Prepare dental clinic; Prepare and	Whiteboard, Marker, Charts, Journals, Multimedia Projector, etc.	• Identify PPE, disposable cups and gauze, dental instrument, dental waste bin and autoclave.	• Guide students to identify PPE, disposable cups and gauze, dental instrument, dental waste bin and autoclave.	PPE, Autoclave, Disposable cups, Dental Instruments, Waste bins, Gauze.

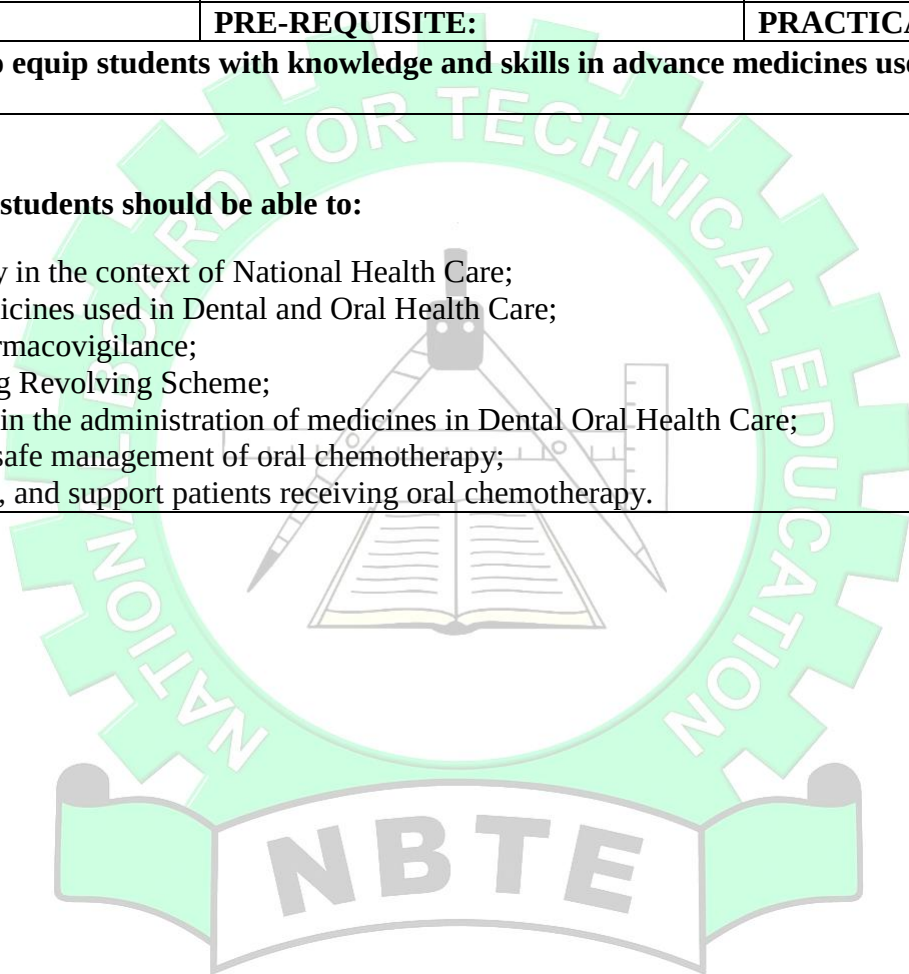
		arrange dental instruments and materials needed for treatment; Work with a dentist during dental procedure.				
General Objective 2.0: Know the Various Nursing Theories and Their Relationship with Dental Oral Health Nursing Care.						
5-9	2.1 Explain Nursing Theories and their relationship with oral Health Nursing care. 2.2 Discuss Florence Nightingale Environmental Theory. 2.3 Explain Roy's Adaptation theory. 2.4 Discuss Virginia Henderson theory of basic Human needs. 2.5 Explain Lydia Hall -Theory of core of care and cure etc.	• Describe Nursing Theories and Their relationship with Oral Health Nursing care. • Explain Florence Nightingale Environmental Theory. • Discuss Roy's Adaptation theory. • Discuss Virginia Henderson theory of basic Human needs. • Discuss Lydia Hall -Theory of Core of Care and Cure etc.	Whiteboard, Marker, Charts, Journals, Multimedia Projector, etc.			
General Objective: 3.0 Understand the application of basic instruments in dental oral health nursing care						
10-15	3.1 Outline basic equipment and instruments used in oral	• Describe basic equipment and	Whiteboard, Marker,	• Identify equipment and	Guide students to: • Identify	Dental chair, Dental mouth

	health care. 3.2 Explain the procedure of maintenance of instrument used in dental health nursing care. 3.3 Explain the effect of poor handling of dental health care instruments. 3.4 Explain the proper disposal of contaminated materials and dental waste: - Separate waste at the point of use; - Use appropriate waste bins; - Dispose of sharps objects.	instruments used in oral health care. - Discuss the procedure of maintenance of instrument used in dental health nursing care. - Discuss the effect of poor handling of dental health care instruments.	Charts, Journals, Multimedia Projector, etc.	instruments used in oral health care: - Dental chair - Dental mouth mirror - Dental unit - Dental compressor - Sterilizer/ autoclave etc. - Clean instrument after use - Disinfect instrument after use - Sterilize reusable instruments - Inspect instruments regularly - Lubricate moving instruments and equipment - Store equipment and instruments used in oral health care listed above. - Demonstrate use of	equipment and instruments used in oral health care: - Dental chair - Dental mouth mirror - Dental unit - Dental compressor - Sterilizer/ autoclave etc. - Clean instrument after use - Disinfect instrument after use - Sterilize reusable instruments - Inspect instruments regularly - Lubricate moving instruments and equipment. - Store equipment and instruments used in oral health care listed above. - Demonstrate use of equipment and instruments in	mirror, Dental unit, Dental compressor, Sterilizer/ autoclave, PPE, Charts, Video clips, Multimedia projector, Disinfectants, Waste bins, Lubricants.
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				equipment and instruments in the various oral health procedures. • Demonstrate proper disposal of contaminated materials and dental waste • Demonstrate proper handling and disposal of sharp objects.	the various oral health procedures. • Demonstrate proper disposal of contaminated materials and dental waste • Demonstrate proper handling and disposal of sharp objects.	
Course Assessment: Course work: 10% Test/Assignment: 10% Practical: 40% Examination: 40% Total: 100%						

PHARMACODYNAMIC AND CHEMOTHERAPY

PROGRAMME: HIGHER NATIONAL DIPLOMA IN DENTAL NURSING		
COURSE TITLE: PHARMACODYNAMIC AND CHEMOTHERAPY	COURSE CODE: DNP 315	CONTACT HOURS: 2 HOURS/WEEK
	CREDIT UNIT: 2	THEORETICAL: 1 HOUR/WEEK
YEAR: I SEMESTER: I	PRE-REQUISITE:	PRACTICAL: 1 HOUR/WEEK
GOAL: This course is designed to equip students with knowledge and skills in advance medicines used in oral health care.		
GENERAL OBJECTIVES: On completion of this course, the students should be able to: 1.0 Know the National Drug Policy in the context of National Health Care; 2.0 Know the classification of medicines used in Dental and Oral Health Care; 3.0 Understand the concept of pharmacovigilance; 4.0 Understand the concept of Drug Revolving Scheme; 5.0 Know Nursing responsibilities in the administration of medicines in Dental Oral Health Care; 6.0 Understand the principles and safe management of oral chemotherapy; 7.0 Know how to educate, monitor, and support patients receiving oral chemotherapy.		



PROGRAMME: HIGHER NATIONAL DIPLOMA IN DENTAL NURSING						
COURSE TITLE: PHARMACODYNAMIC AND CHEMOTHERAPY			COURSE CODE: DNP 315		CONTACT HOURS: 2 HOURS/WEEK	
			CREDIT UNIT: 2		THEORETICAL: 1 HOUR/WEEK	
YEAR: I SEMESTER: I			PRE-REQUISITE:		PRACTICAL: 1 HOUR/WEEK	
COURSE SPECIFICATION: THEORETICAL AND PRACTICAL						
GOAL: This course is designed to equip students with knowledge and skills in advance medicines used in oral health care.						
GENERAL OBJECTIVE 1.0: Know the National Drug Policy in the context of National Health Care						
THEORETICAL CONTENT				PRACTICAL CONTENT		
Week	Specific Learning Outcome	Teacher’s Activities	Resources	Specific Learning Outcome	Teacher’s Activities	Resources
1-2	1.1 Explain an overview of national drug policy. 1.2 Outline Essential drug list. 1.3 Outline the advantages and limitations of essential drug list. 1.4 Itemize the responsibilities of the Nurse in the implementation of essential drug program.	• Discuss an overview of national drug policy. • Explain Essential drug list. • Explain the advantages and limitations of essential drug list • Explain the responsibilities of the Nurse in the implementation of essential drug program.	Textbooks, Whiteboards, Markers, Projectors, etc.			
General Objective 2.0: Know the classification of medicines used in Dental and Oral Health Care						
3-4	2.1 Itemize analgesic drugs 2.2 Explain the uses of analgesics 2.3 Itemize antibiotics	• Discuss the lists of analgesic drugs. • Discuss the uses of analgesics. • Explain the list of antibiotics drugs.	Textbooks, Whiteboards, Markers, Projectors,			

	drugs 2.4 Outline the uses of antibiotics drug 2.5 Itemize anti-inflammatory drugs. 2.6 Outlines the uses of anti-inflammatory drugs. 2.7 List the anaesthetic drugs. 2.8 Outline the uses of anaesthetic drugs.	• Explain the uses of antibiotics drugs. • Discuss the list of anti-inflammatory drugs. • Explain the uses of anti-inflammatory drugs. • Discuss the anaesthetic drugs. • Explain the uses of anaesthetic drugs.	etc.			
General Objective 3.0: Understand the concept of Pharmacovigilance						
5-6	3.1 Define Adverse Drug Reaction. 3.2 Explain the concept of Pharmacovigilance. 3.3 Itemize the functions of Pharmacovigilance. 3.4 Outline the process involve in conducting pharmacovigilance.	• Explain Adverse Drug Reaction. • Discuss the Concept of Pharmacovigilance. • Explain the functions of pharmacovigilance • Discuss the process involve in conducting pharmacovigilance.	Textbooks, Whiteboards, Markers, Projectors, etc.	• Conduct pharmaco-vigilance	• Guide the students on how to conduct pharmaco-vigilance	Projectors, Pharmacovigilance form.
General Objective 4.0: Understand the Concept of Drug Revolving Scheme						

7-8	4.1 Explain the Concept of Drug Revolving Scheme. 4.2 Outline the Rights of drug and Medicine Administration. 4.3 Itemize the importance of drug revolving scheme. 4.4 Outlines roles of Nurses in Drug Revolving Scheme.	• Discuss Concept of Drug Revolving Scheme • Explain the importance of drug revolving scheme • Discuss the Roles of Nurses in Drug Revolving Scheme	Textbooks, Whiteboards, Markers, Projectors, etc.			
General Objective 5.0: Know Nursing responsibilities in the administration of medicines in Dental Oral Health Care						
9-10	5.1 Outline the rights of drug and Medicine Administration. 5.2 Explain Monitoring of Patients on Drugs 5.3 Outline the management of Adverse Drug Reactions. 5.4 Itemize the steps involve in counselling patient and clients.	• Explain the Rights of drug and Medicine Administration. • Discuss the monitoring of patients on drugs • Explain the management of Adverse Drug Reactions. • Discuss the steps involve in the counselling patient and clients.	Textbooks, Whiteboards, Markers, Projectors, etc.	• Demonstrate the process of conducting patient/client counselling.	• Guide the students to demonstrate the process of conducting patient/client counselling.	Charts, Video clips, Multimedia projector.

General Objective 6.0: Understand the principles and safe management of oral chemotherapy

11-12	6.1 Explain the pharmacokinetic and pharmacodynamics principles that influence the absorption, distribution, metabolism, and excretion of oral chemotherapy medicines. 6.2 Describe common adverse effects and toxicities associated with oral chemotherapy, including nausea, vomiting, diarrhea, mucositis, myelosuppression, hand-foot syndrome, and skin reactions. 6.3 Explain patient-related factors that influence treatment outcomes, including age, renal and hepatic function, comorbidities, health literacy, and	• Discuss the pharmacokinetic and pharmacodynamics principles that influence the absorption, distribution, metabolism, and excretion of oral chemotherapy medicines. • Explain common adverse effects and toxicities associated with oral chemotherapy, including nausea, vomiting, diarrhea, mucositis, myelosuppression, hand-foot syndrome, and skin reactions. • Discuss patient-related factors that influence treatment outcomes, including age, renal and hepatic function, comorbidities, health literacy, and adherence. • Explain the legal, ethical, and	Textbooks, Whiteboards, Markers, Projectors, etc.	• Identify important drug, food, and herbal interactions that may affect the safety or effectiveness of oral chemotherapy. • Classify commonly used oral anticancer medicines according to their mechanisms of action and therapeutic indications.	Guide students to: • Identify important drug, food, and herbal interactions that may affect the safety or effectiveness of oral chemotherapy. • Classify commonly used oral anticancer medicines according to their mechanisms of action and therapeutic indications.	Institutional oral chemotherapy policies and standard operating procedures, Treatment protocols and medicine information leaflets, Drug reference resources, Medicine labels, Sample prescription charts, Patient information leaflets, Charts showing the cell cycle and mechanisms of anticancer medicines, Case studies involving drug interactions and adverse effects, Videos or demonstrations on cytotoxic medicine handling, PPE,
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	adherence. 6.4 Discuss the legal, ethical, and professional responsibilities of healthcare workers when educating patients about oral anticancer medicines. 6.5 Discuss safe handling, storage, transportation, and disposal procedures for oral chemotherapy medicines.	professional responsibilities of healthcare workers when educating patients about oral anticancer medicines. Describe safe handling, storage, transportation, and disposal procedures for oral chemotherapy medicines.				Laboratory results and mock patient medication records.
General Objective 7.0: Know how to educate, monitor, and support patients receiving oral chemotherapy						
13-15	7.1 Explain baseline assessment before a patient starts oral chemotherapy. 7.2 Explain the prescribed treatment regimen to a patient, including the medicine name, dose, timing, treatment cycle, missed-dose instructions, and duration.	- Discuss baseline assessment before a patient starts oral chemotherapy. - Discuss the prescribed treatment regimen to a patient, including the medicine name, dose, timing, treatment cycle, missed-dose instructions, and duration. - Describe serious adverse effects,	Textbooks, Whiteboards, Markers, Projectors, etc.	- Demonstrate appropriate patient education on administration, swallowing, storage, handling, and disposal of oral chemotherapy medicines. - Demonstrate how to teach patients to recognise and report serious adverse effects, including fever,	Guide students to: - Demonstrate appropriate patient education on administration, swallowing, storage, handling, and disposal of oral chemotherapy medicines. - Demonstrate how to teach patients to recognise and report serious adverse effects, including	Treatment calendars and medication diaries, Adherence assessment tools, Symptom-monitoring forms, Simulated prescription charts and medication administration records, Telephone triage guidelines and referral protocols, Laboratory

	7.3 Explain serious adverse effects, including fever, persistent vomiting or diarrhoea, bleeding, severe mouth ulcers, breathlessness, and signs of infection.	including fever, persistent vomiting or diarrhoea, bleeding, severe mouth ulcers, breathlessness, and signs of infection.		persistent vomiting or diarrhoea, bleeding, severe mouth ulcers, breathlessness, and signs of infection. • Demonstrate appropriate methods for monitoring treatment response and toxicity, including clinical assessment, laboratory investigations, and patient-reported symptoms. • Demonstrate communication and counselling skills to identify barriers to adherence and develop an individualised adherence-support plan. • Demonstrate appropriate management of a missed dose,	fever, persistent vomiting or diarrhoea, bleeding, severe mouth ulcers, breathlessness, and signs of infection. • Demonstrate appropriate methods for monitoring treatment response and toxicity, including clinical assessment, laboratory investigations, and patient-reported symptoms. • Demonstrate communication and counselling skills to identify barriers to adherence and develop an individualised adherence-support plan. • Demonstrate appropriate management of a missed dose, vomiting after administration, or accidental exposure, according to	reports, Full blood count, Renal function and liver function results, Demonstration medicines or labelled medicine containers, Oral syringes, pill organisers, Gloves, Disposal bags, Storage containers, Role-play scripts for patient counselling, Clinical skills laboratory or oncology outpatient setting, Institutional emergency and escalation guidelines, Oral chemotherapy education booklets, Patient education checklists.
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				vomiting after administration, or accidental exposure, according to institutional protocols. • Demonstrate how to document and communicate patient information accurately, including education provided, adverse effects, adherence, interventions, and referrals. • Demonstrate collaboration with the multidisciplinary team to support continuity of care and timely management of complications. • Demonstrate evaluation of a patient's understanding of oral chemotherapy instructions using teach-back	institutional protocols. • Demonstrate how to document and communicate patient information accurately, including education provided, adverse effects, adherence, interventions, and referrals. • Demonstrate collaboration with the multidisciplinary team to support continuity of care and timely management of complications. • Demonstrate evaluation of a patient's understanding of oral chemotherapy instructions using teach-back techniques.	
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techniques.

Course Assessment:

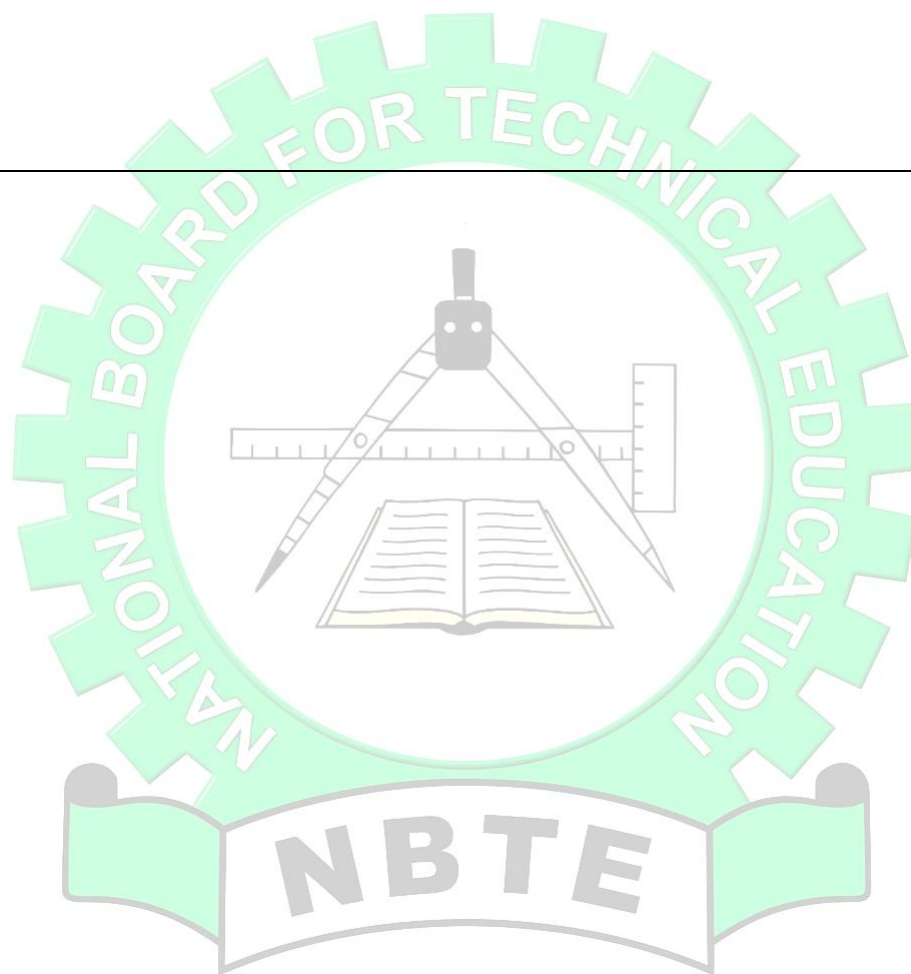
Course work: 10%

Test/Assignment: 10%

Practical: 40%

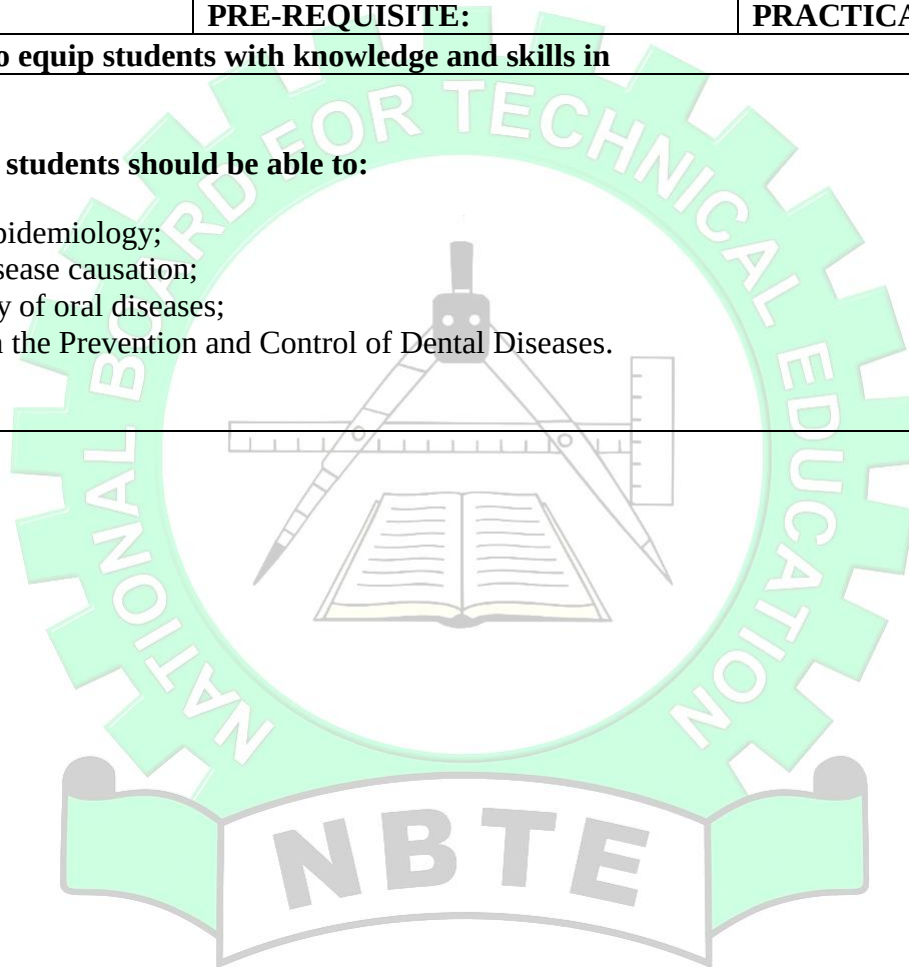
Examination: 40%

Total: 100%



EPIDEMIOLOGY IN DENTAL PRACTICE

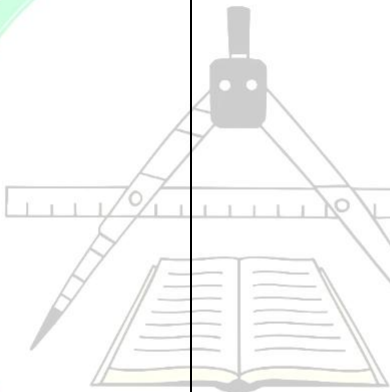
PROGRAMME: HIGHER NATIONAL DIPLOMA IN DENTAL NURSING		
COURSE TITLE: EPIDEMIOLOGY IN DENTAL PRACTICE	COURSE CODE: DNP 316	CONTACT HOURS: 2 HOURS/WEEK
	CREDIT UNIT: 2	THEORETICAL: 1 HOUR/WEEK
YEAR: I SEMESTER: I	PRE-REQUISITE:	PRACTICAL: 1 HOUR/WEEK
GOAL: This course is designed to equip students with knowledge and skills in		
GENERAL OBJECTIVES:		
On completion of this course, the students should be able to:		
1.0 Understand the concept of epidemiology;		
2.0 Know the theories of oral disease causation;		
3.0 Understand the epidemiology of oral diseases;		
4.0 Know the Roles of Nurses in the Prevention and Control of Dental Diseases.		



PROGRAMME: HIGHER NATIONAL DIPLOMA IN DENTAL NURSING						
COURSE TITLE: EPIDEMIOLOGY IN DENTAL PRACTICE			COURSE CODE: DNP 316		CONTACT HOURS: 2 HOURS/WEEK	
			CREDIT UNIT: 2		THEORETICAL: 1 HOUR/WEEK	
YEAR: III SEMESTER: I			PRE-REQUISITE:		PRACTICAL: 1 HOUR/WEEK	
COURSE SPECIFICATION: THEORETICAL AND PRACTICAL						
GOAL: This course is designed to equip students with						
GENERAL OBJECTIVE 1.0: Understand the Concept of Epidemiology						
THEORETICAL CONTENT				PRACTICAL CONTENT		
Week	Specific Learning Outcome	Teacher’s Activities	Resources	Specific Learning Outcome	Teacher’s Activities	Resources
1-3	1.1 Explain Epidemiology in dental nursing. 1.2 Explain the following terms: i. Disease; ii. Infection; iii. Illness/Sickness; iv. Symptoms; v. Signs; vi. Incubation; vii. Incidence; viii. Prevalence; ix. Communicable disease; x. Endemic epidemic; xi. Pandemic; xii. Hyper-Endemic and Meso-Endemic antibodies; xiii. Immunity; xiv. Surveillance;	• Discuss Epidemiology in dental nursing • Discus the following terms: - Disease; - Infection; - Illness/Sickness; - Symptoms; - Signs; - Incubation; - Incidence; - Prevalence; - Communicable disease; - Endemic epidemic; - Pandemic; - Hyper-Endemic and Meso-Endemic antibodies; - Immunity; - Surveillance;	Journals, Textbooks, Charts, Video clips, White board, Marker, etc.			

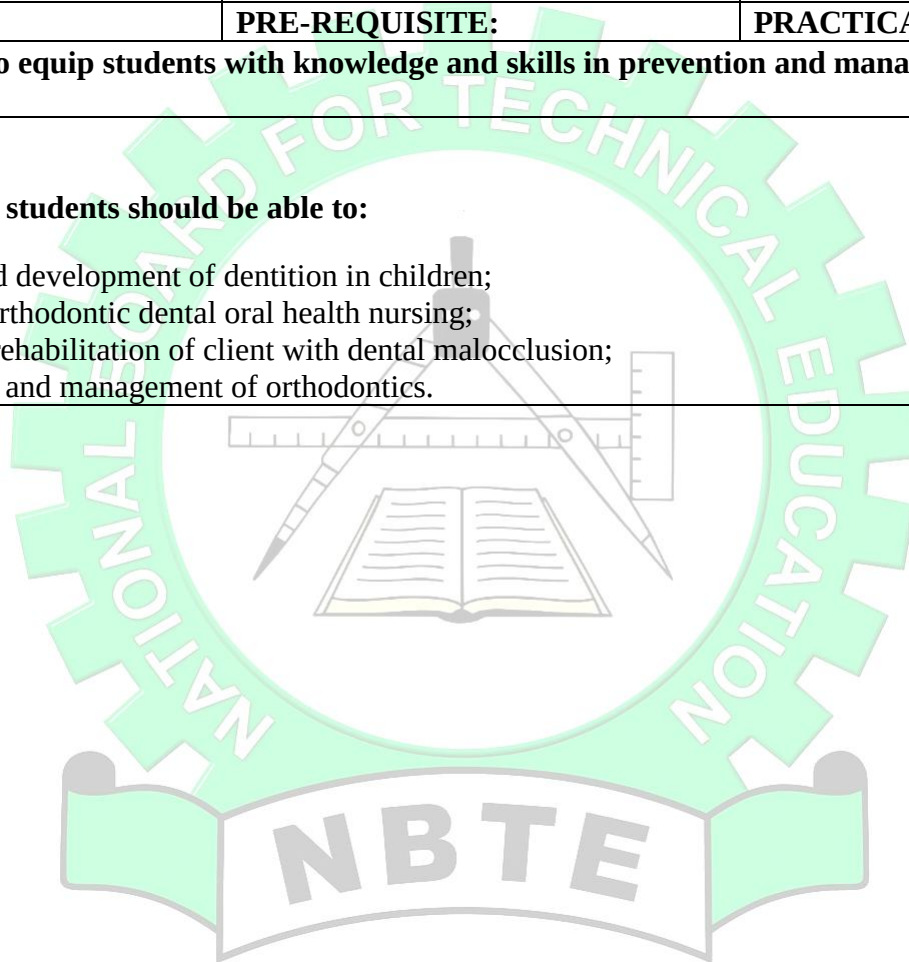
	xv. Causative agent; xvi. Reservoir of Infectious; xvii. Carrier; xviii. Control; xix. Preservation; xx. Resistor; xxi. Antigen; xxii. Disease outbreak. 1.3 Discuss the concept of Epidemiology. 1.4 Explain the following Epidemiological terms: i. Epidemic; ii. Endemic; iii. Pandemic; iv. Zoonotic disease; v. Sporadic disease; vi. Infections. 1.5 Outline the infectious diseases processes.	- Causative agent; - Reservoir of Infectious; - Carrier; - Control; - Preservation; - Resistor; - Antigen; - Disease outbreak. • Explain the concept of Epidemiology • Discuss the following Epidemiological terms: - Epidemic; - Endemic; - Pandemic; - Zoonotic disease; - Sporadic disease; - Infections etc. • Discuss the infectious diseases processes.				
General Objective 2.0: Know the theories of oral disease causation						
4-6	2.1 Explain the theories of Disease Causation. 2.2 Explain the various modes of disease transmission including causative agents in: i. Man; ii. Animal; iii. Plants; iv. Non-living thing. 2.3 Explain the following	• Discuss the theories of Disease Causation. • Discuss the various modes of disease transmission including causative agents in: - Man; - Animal; - Plants; - Non-living thing.	Journals, Textbooks, Charts, Video clips, White board, Marker, etc.			

	mode of transmission of communicable disease: - Contact; - Inhalation; - Infection; - Penetration; - Trans-placental infection; - Sexual. 2.4 Explain theories related to oral Disease Causation. - Caries Theory; - Anug Theory; - Plaque Theory; - Formation of calculus. - Theory of multiple causation.	- Discuss various mode of transmission of communicable disease: - Contact; - Inhalation; - Infection; - Penetration; - Trans-Placental Infection; - Sexual etc. - Discus theories related to oral Disease Causation. - Caries Theory; - Anug Theory; - Plaque Theory; - Formation of calculus; - Theory of multiple causation.				
General Objective 3.0: Understand the epidemiology of oral diseases						
7-10	3.1 Outline types of Epidemiological studies conducted in dental oral health nursing. 3.2 Explain the following: - Descriptive study; - Analytical study; - Experimental; - Prospective; - Retrospective. 3.3 Discuss the roles of theories in disease prevention and control.	- Explain Types of Epidemiological Studies conducted in dental oral health nursing. - Discuss the following: - Descriptive study; - Analytical study; - Experimental; - Prospective; - Retrospective. - Discuss the roles of theories in disease	Journals, Textbooks, Charts, Video clips, White board, Marker, etc.	Analyse the roles of theories in disease prevention and control.	Guide students to analyse the roles of theories in disease prevention and control.	Charts, Video clips, Multimedia projector.

		prevention and control.				
General Objective 4.0: Know the roles of nurses in the prevention and control of dental diseases.						
11-15	4.1 Outline Nurses roles in prevention and control of oral disease. 4.2 Discuss oral health education. 4.3 Explain oral examination.	• Explain Nurses roles in prevention and control of oral disease. • Discuss oral health education. • Explain oral examination.	Journals, Textbooks, Charts, Video clips, White board, Marker, etc. 	• Perform oral health Education • Identify instruments used in oral examination • Disinfect instruments used for oral examination • Perform oral examination • Store instruments used for oral examination	Guide students to: • Perform oral health Education • Identify instruments used in oral examination • Disinfect instruments used for oral examination • Perform oral examination • Store instruments used for oral examination.	Mouth mirror, Examination set, PPE, Cotton wool, Illumination light.
Course Assessment: Course work: 10% Test/Assignment: 10% Practical: 40% Examination: 40% Total: 100%						

PAEDODONTIC DENTAL NURSING

PROGRAMME: HIGHER NATIONAL DIPLOMA IN DENTAL NURSING		
COURSE TITLE: PAEDODONTIC DENTAL NURSING	COURSE CODE: DNP 317	CONTACT HOURS: 3 HOURS/WEEK
	CREDIT UNIT: 3	THEORETICAL: 1 HOUR/WEEK
YEAR: I SEMESTER: I	PRE-REQUISITE:	PRACTICAL: 2 HOURS/WEEK
GOAL: This course is designed to equip students with knowledge and skills in prevention and management of oral health condition in children		
GENERAL OBJECTIVES: On completion of this course, the students should be able to: 1.0 Understand normal growth and development of dentition in children; 2.0 Understand paedodontic and orthodontic dental oral health nursing; 3.0 Understand management and rehabilitation of client with dental malocclusion; 4.0 Know preventive, interceptive and management of orthodontics.		

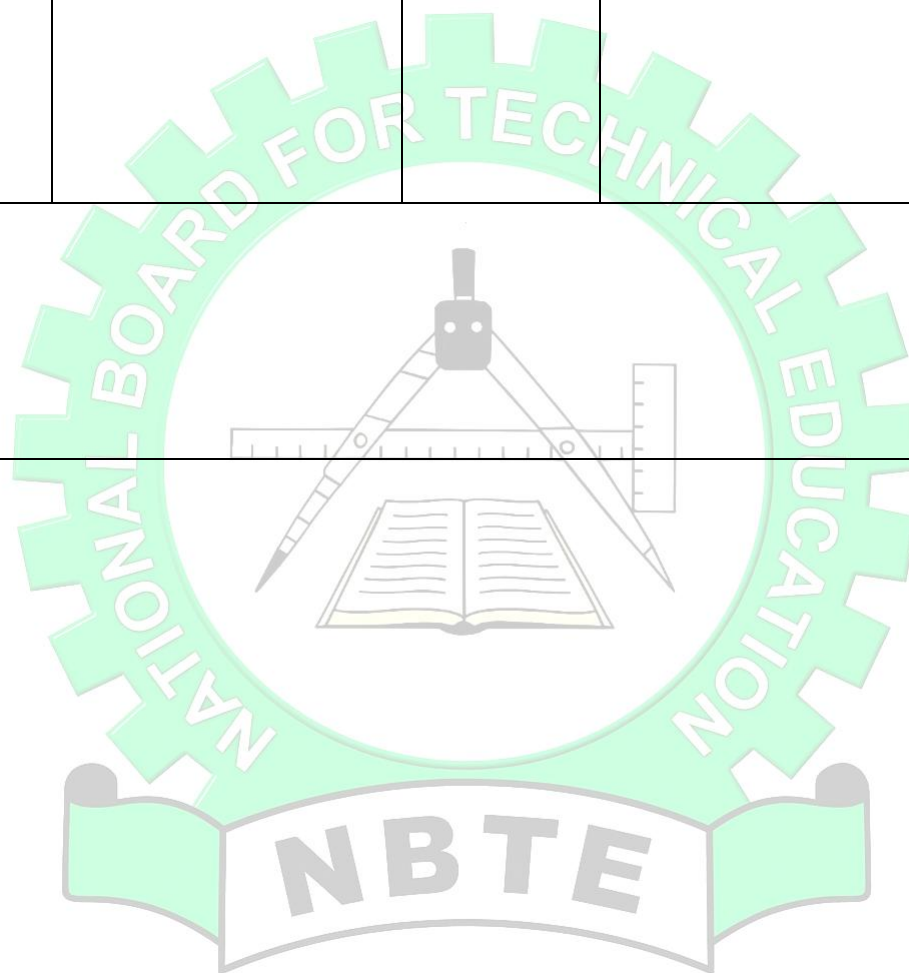


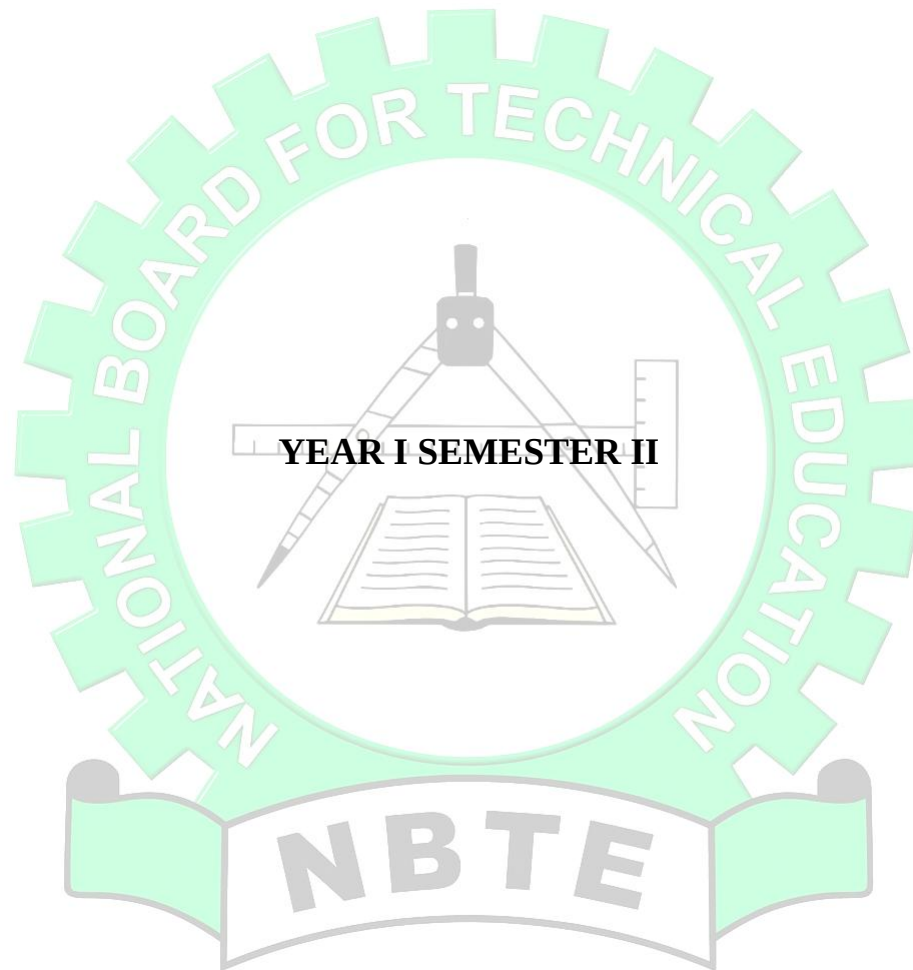
PROGRAMME: HIGHER NATIONAL DIPLOMA IN DENTAL NURSING						
COURSE TITLE: PAEDODONTIC DENTAL NURSING			COURSE CODE: DNP 317		CONTACT HOURS: 3 HOURS/WEEK	
			CREDIT UNIT: 3		THEORETICAL: 1 HOUR/WEEK	
YEAR: I SEMESTER: I			PRE-REQUISITE:		PRACTICAL: 2 HOURS/WEEK	
COURSE SPECIFICATION: THEORETICAL AND PRACTICAL						
GOAL: This course is designed to equip students with knowledge and skills in prevention and management of oral health condition in children						
GENERAL OBJECTIVE 1.0: Understand normal growth and development of dentition in children.						
THEORETICAL CONTENT				PRACTICAL CONTENT		
Week	Specific Learning Outcome	Teacher’s Activities	Resources	Specific Learning Outcome	Teacher’s Activities	Resources
1-3	1.1 Explain the Normal Growth and Development of Dentition in Children. 1.2 Explain Paedodontic Dental Oral Health Nursing. 1.3 Explain the Following terms: i. Pulpotomy; ii. Pulpectomy; iii. Dental caries in children.	- Discuss the Normal Growth and Development of Dentition in Children. - Explain paedodontics dental nursing. - Explain the Following terms: - Dental trauma; - Pulpotomy; - Apexification; - Pulpectomy; - Dental caries in children.	Marker, Whiteboard, Journals, Textbooks, Charts, Multimedia projector, etc.	- Identify normal growth and development in children dentition. - Demonstrate the process of Setting up for pulpotomy Procedure. - Demonstrate the process of Setting up for pulpectomy Procedure.	Guide students to: - Identify normal growth and development in children dentition. - Demonstrate the process of Setting up for pulpotomy Procedure. - Demonstrate the process of Setting up for pulpectomy Procedure.	Study model, Charts, Multimedia projector, Video clips, Dental model, Dental hand piece, Phantom heads, Examination set.
General Objective: 2.0 Understand pedodontic dental oral health nursing						
4-6	2.1 Explain Peadodontic dental nursing. 2.2 Outline the	- Discuss Peadodontic Dental nursing - Explain the	Marker, Whiteboard, Journals,	Identify the instruments used in peadodontic	Guide students to: Identify the instruments	Charts, Video clips, Multimedia

	procedures involve in peadodontic dental nursing. 2.3 Explain major peadodontic cases. 2.4 List instruments used in peadodontic dental nursing 2.5 List material used in peadodontic dental nursing.	procedures involve in peadodontic Dental nursing care. - Outline instruments used in peadodontic dental nursing - Explain major peadodontic cases. - Outline material used in peadodontic dental nursing.	Textbooks, Charts, Multimedia projector, etc.	procedures. - Identify the materials used in peadodontic procedures. - Maintain the instruments used in peadodontic procedures. - Maintain the materials used in peadodontic procedures. - Store the instruments used in peadodontic procedures. - Store the materials used in peadodontic procedures. - Use pedodontic instruments	used in peadodontic procedures. - Identify the materials used in peadodontic procedures. - Maintain the instruments used in peadodontic procedures. - Maintain the materials used in peadodontic procedures. - Store the instruments used in peadodontic procedures. - Store the materials used in peadodontic procedures. - Use pedodontic instruments.	projector, Pedodontic instruments, Pedodontic materials, PPE.
General Objective 3.0: Understand management of client with dental malocclusion						
7-9	3.1 Outline the types of orthodontic care in Dental nursing. 3.2 Explain Preventive	- Discuss the types of orthodontic care in Dental nursing. - Describe Preventive	Marker, Whiteboard, Journals, Textbooks,			

	orthodontic. 3.3 Explain Interceptive-Orthodontics Management. 3.4 Explain curative Orthodontics Management.	orthodontics. - Describe Interceptive-Orthodontics Management. - Discuss curative Orthodontics Management.	Charts, Multimedia projector, etc.			
General Objective 4.0: Know the management of patients with orthodontics cases.						
10-15	4.1 Outline Orthodontics Appliances. 4.2 Explain major orthodontic cases. 4.3 List Orthodontics instruments and their uses. 4.4 Explain Orthodontics materials.	- Outline Orthodontics appliances. - Discuss major orthodontic cases. - Outline Orthodontics instruments and their uses. - Explain Orthodontics materials.	Marker, Whiteboard, Journals, Textbooks, Charts, Multimedia projector, etc.	- Identify the instruments used in orthodontics procedures. - Identify the materials used in orthodontics procedures. - Maintain the instruments used in orthodontics procedures. - Maintain the materials used in orthodontics procedures. - Store the instruments used in orthodontics procedures. - Store the materials used in orthodontics	Guide students to: - Identify the instruments used in orthodontics procedures. - Identify the materials used in orthodontics procedures. - Maintain the instruments used in orthodontics procedures. - Maintain the materials used in orthodontics procedures. - Store the instruments used in	Charts, Video clips, Multimedia projector, Orthodontics, instruments, Orthodontics materials, PPE.

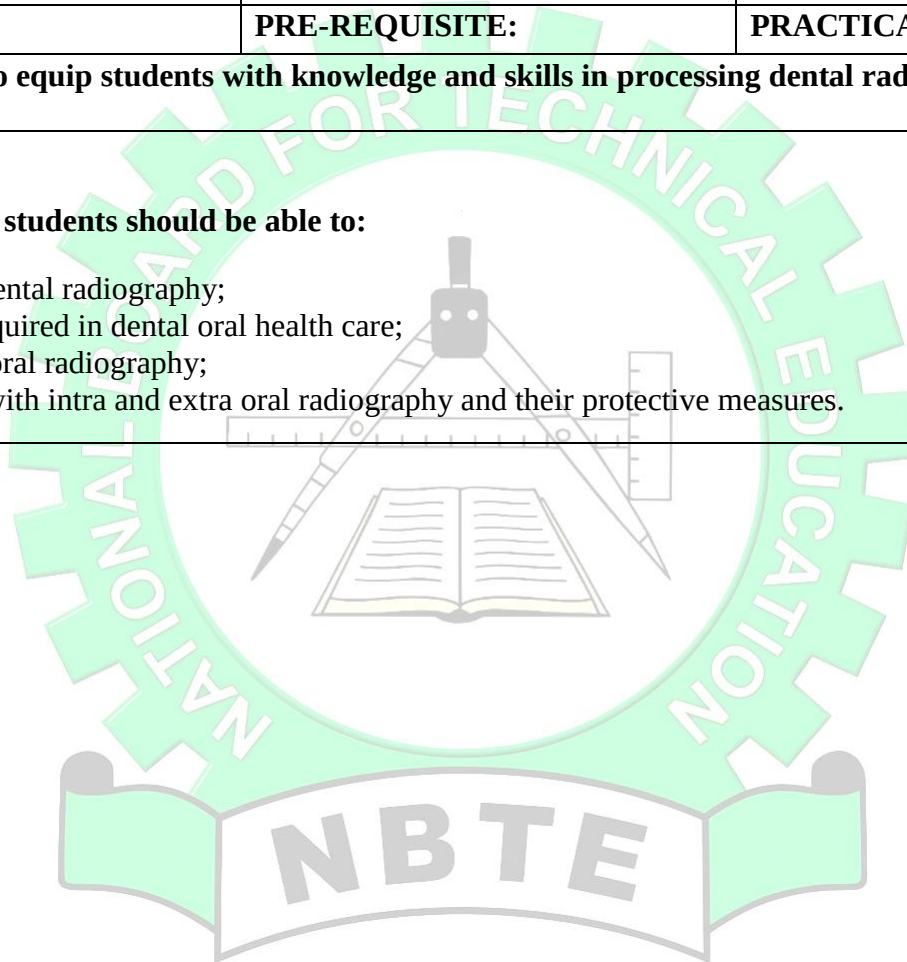
				procedures. • Use orthodontics instruments.	orthodontics procedures. • Store the materials used in orthodontics procedures. • Use orthodontics instruments.	
Course Assessment: Course work: 10% Test/Assignment: 10% Practical: 40% Examination: 40% Total: 100%						





DENTAL RADIOLOGY AND PROCESSING

PROGRAMME: HIGHER NATIONAL DIPLOMA IN DENTAL NURSING		
COURSE TITLE: DENTAL RADIOLOGY AND PROCESSING	COURSE CODE: DNP 321	CONTACT HOURS: 3 HOURS/WEEK
	CREDIT UNIT: 3	THEORETICAL: 1 HOUR/WEEK
YEAR: I SEMESTER: II	PRE-REQUISITE:	PRACTICAL: 2 HOURS/WEEK
GOAL: This course is designed to equip students with knowledge and skills in processing dental radiographs in dental oral health care practice.		
GENERAL OBJECTIVES: On completion of this course, the students should be able to: 1.0 Understand the principles of dental radiography; 2.0 Know types of radiography required in dental oral health care; 3.0 Understand the techniques of oral radiography; 4.0 Know the hazards associated with intra and extra oral radiography and their protective measures.		



PROGRAMME: HIGHER NATIONAL DIPLOMA IN DENTAL NURSING						
COURSE TITLE: : DENTAL RADIOLOGY AND PROCESSING				COURSE CODE: DNP 321		CONTACT HOURS: 3 HOURS/WEEK
				CREDIT UNIT: 3		THEORETICAL: 1 HOUR/WEEK
YEAR: I SEMESTER: II				PRE-REQUISITE:		PRACTICAL: 2 HOURS/WEEK
COURSE SPECIFICATION: THEORETICAL AND PRACTICAL						
GOAL: This course is designed to equip students with knowledge and skills in processing dental radiographs in dental oral health care practice.						
GENERAL OBJECTIVE 1.0: Understand the principles of dental radiography						
THEORETICAL CONTENT				PRACTICAL CONTENT		
Week	Specific Learning Outcome	Teacher’s Activities	Resources	Specific Learning Outcome	Teacher’s Activities	Resources
1-3	1.1 Discuss Radiography. 1.2 Explain the Concepts and principles of radiography. 1.3 Outline the following Concepts of Radiography i. Electricity; ii. X-ray; iii. Basic X-tray; iv. Absorption; v. Scattered X-ray; vi. Radiology; vii. Radiation; viii. X-ray tube.	• Explain Radiography. • Discuss the concepts and principles of radiography. • Discuss the Concepts and principles of radiography. - Electricity; - X-ray; - Basic X-tray; - Absorption; - Scattered X-ray; - Radiology; - Radiation; - X-ray tube.	Whiteboards, Markers, Textbooks, Charts, Video clips, Journals, etc.	• Identify Dental X-ray machine, X-ray film, lead apron, darkroom, automated X-ray processing.	• Guide students to identify Dental X-ray, machine X-ray, film lead apron, darkroom, automated X-ray processing.	Dental X-ray machine, X-ray film, Lead apron, Darkroom, Automated X-ray processing machine.
General Objective 2.0: Know types of radiography required in dental oral health care						
4-7	2.1 Explain peri-apical (intra- Oral) radiograph. 2.2 Explain Bitewing x-ray radiograph 2.3 Explain Occlusal (intra	• Discuss peri-apical (intra- Oral) radiograph • Discuss Bitewing x-ray intra-oral radiograph • Discuss Occlusal x-ray	Whiteboards, Markers, Textbooks, Charts, Video clips,	• Identify the peri-apical film • Identify the Bitewing intra-oral film	Guide students to: • Identify the peri-apical	Peri-apical (intra-oral) film, Dental x-ray machine,

	oral) radiograph 2.4 Describe the following terms used in Extra Oral Radiograph. - Panoramic; - Cephalometric; - Occipito mental; - MRI; - CT Scan.	intra-oral radiograph - Explain the following terms used in Extra Oral Radiograph: - Panoramic; - Cephalometric; - Occipito mental; - MRI; - CT Scan.	Journals, etc.	Identify the Occlusal intra-oral film	film - Identify the Bitewing intra-oral film - Identify the Occlusal intra-oral film	Projector, Bitewing (intra-oral) film, Occlusal (intra-oral) film.
General Objective 3.0: Understand the techniques of intra-oral radiography						
8-11	3.1 Explain the techniques involve in patient, film and cone positioning. 3.2 Outline the techniques (parallel, bisecting etc.) involved in intra-oral radiograph exposure. 3.3 Itemize the techniques involve in intra-oral radiograph processing.	- Discuss the techniques involve in patient, film and cone positioning. - Explain the techniques (parallel, bisecting etc.) involved in intra-oral radiograph exposure. - Discuss the techniques involve in intra-oral radiograph processing.	Whiteboards, Markers, Textbooks, Charts, Video clips, Journals, etc.	- Demonstrate the techniques involve in patient, film and cone positioning. - Demonstrate the techniques involve in intra-oral Radiograph exposure. - Demonstrate the techniques involve in intra-oral radiograph processing.	Guide students to: - Demonstrate the techniques involve in patient, film and cone positioning. - Demonstrate the techniques involve in intra-oral Radiograph exposure. - Demonstrate the techniques involve in intra-oral radiograph processing.	Projector, Audio-visual, Dental X-ray machine, Film, Intra-oral X-ray film, Darkroom, Developer, Fixer, Water, Film hanger, Dryer, X-ray viewer, Self-developing intra-oral X-ray film.

General Objective 4.0: Know the hazards associated with intra and extra oral radiography and their protective measures

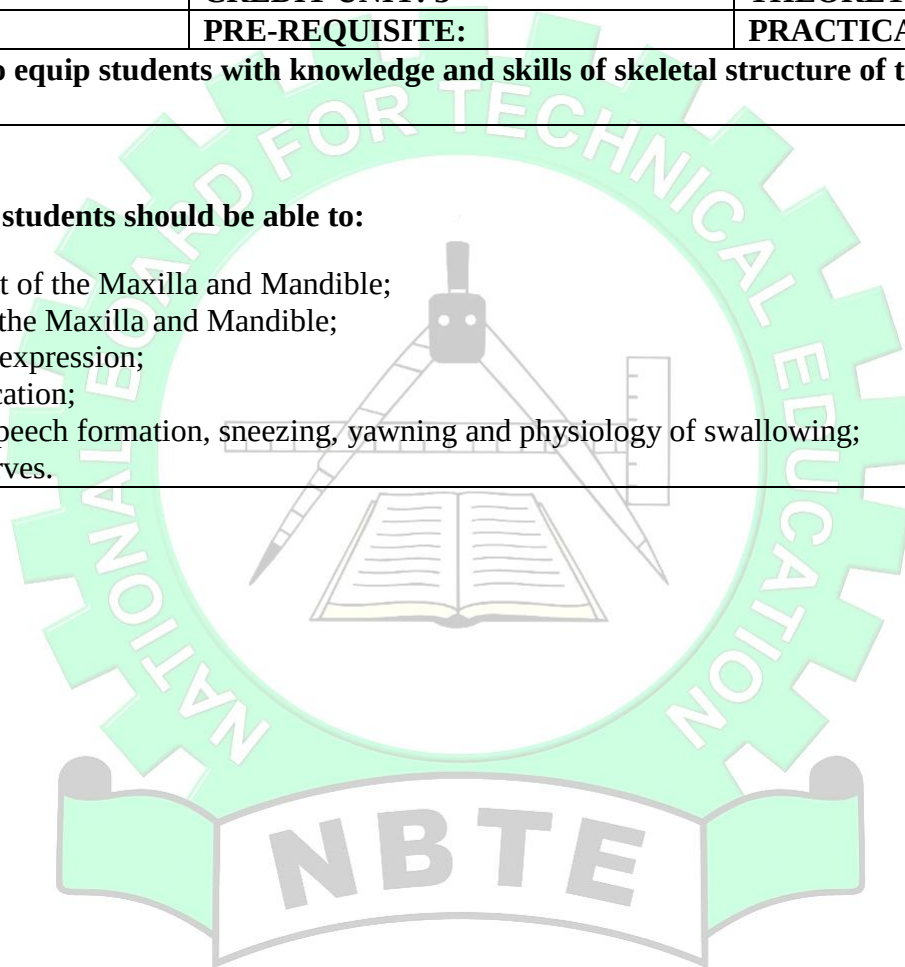
12-15	4.1 Describe the dangers of Ionizing Radiation. 4.2 Explain the appropriate Requirements before Exposing patient to Radiation. 4.3 Outline the Role of a Dental Nurse in the prevention and control of hazards in exposing patients to radiation.	• Explain the dangers of Ionizing Radiation • Discuss the appropriate Requirements before Exposing patient to Radiation. • Explain the Role of a Dental Nurse in the prevention and control of hazards in exposing patients to radiation.	Whiteboards, Markers, Textbooks, Charts, Video clips, Journals, etc.	• Identify dangers of ionizing radiation using video clips. • Role play prevention and control of hazards associated with exposing patient to radiation.	Guide students to: • Identify dangers of ionizing radiation using video clips. • Role play prevention and control of hazards associated with exposing patient to radiation.	Charts, Video clips, Computer, Multimedia projector, Internet connectivity
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Course Assessment:

Course work:	10%
Test/Assignment:	10%
Practical:	40%
Examination:	40%
Total:	100%

APPLIED ANATOMY AND PHYSIOLOGY II

PROGRAMME: HIGHER NATIONAL DIPLOMA IN DENTAL NURSING		
COURSE TITLE: APPLIED ANATOMY AND PHYSIOLOGY II	COURSE CODE: DNP 322	CONTACT HOURS: 3 HOURS/WEEK
	CREDIT UNIT: 3	THEORETICAL: 1 HOUR/WEEK
YEAR: I SEMESTER: II	PRE-REQUISITE:	PRACTICAL: 2 HOURS/WEEK
GOAL: This course is designed to equip students with knowledge and skills of skeletal structure of the face, muscles of facial expression and mastication.		
GENERAL OBJECTIVES: On completion of this course, the students should be able to: 1.0 Understand the development of the Maxilla and Mandible; 2.0 Understand the structure of the Maxilla and Mandible; 3.0 Know the muscles of facial expression; 4.0 Know the muscles of mastication; 5.0 Understand the process of speech formation, sneezing, yawning and physiology of swallowing; 6.0 Know the twelve cranial nerves.		



PROGRAMME: HIGHER NATIONAL DIPLOMA IN DENTAL NURSING						
COURSE TITLE: APPLIED ANATOMY AND PHYSIOLOGY II			COURSE CODE: DNP 322		CONTACT HOURS: 3 HOURS/WEEK	
			CREDIT UNIT: 3		THEORETICAL: 1 HOUR/WEEK	
YEAR: I SEMESTER: II			PRE-REQUISITE:		PRACTICAL: 2 HOURS/WEEK	
COURSE SPECIFICATION: THEORETICAL AND PRACTICAL						
GOAL: This course is designed to equip students with knowledge and skills of skeletal structure of the face, muscles of facial expression and mastication.						
General Objective 1.0: Understand the development of the Maxilla and Mandible						
THEORETICAL CONTENT				PRACTICAL CONTENT		
Week	Specific Learning Outcome	Teacher’s Activities	Resources	Specific Learning Outcome	Teacher’s Activities	Resources
1-2	1.1 Explain the development of the maxilla and mandible (facial bones). 1.2 Explain the development of membranous ossification of the maxilla bone. 1.3 Describe the development of the mandible (Meckel’s cartilage).	• Discuss the development of the maxilla and mandible (facial bones). • Discuss the development of membranous ossification of the maxilla bone. • Explain the development of the mandible (Meckel’s cartilage).	Whiteboard, Multimedia projector, Models, Charts, Marker, Textbooks, etc.	• Observe the development of the maxilla and mandible. • Observe the development of membranous ossification of the maxilla bone. • Observe the development of the mandible (Meckel’s cartilage).	Guide students to: • Observe the development of the maxilla and mandible. • Observe the development of membranous ossification of the maxilla bone. • Observe the Development of the mandible (Meckel’s cartilage).	Charts, Video clips, Models, Multimedia projector.
General Objective 2.0: Understand the structure of the Maxilla and Mandible						
3-4	2.1 Describe the structure of the maxilla. 2.2 Describe the structure	• Discuss the structure of the maxilla.	Whiteboard, Multimedia projector,	• Draw a well-labeled cross-section of the	Guide the students to:	Charts, Video clips,

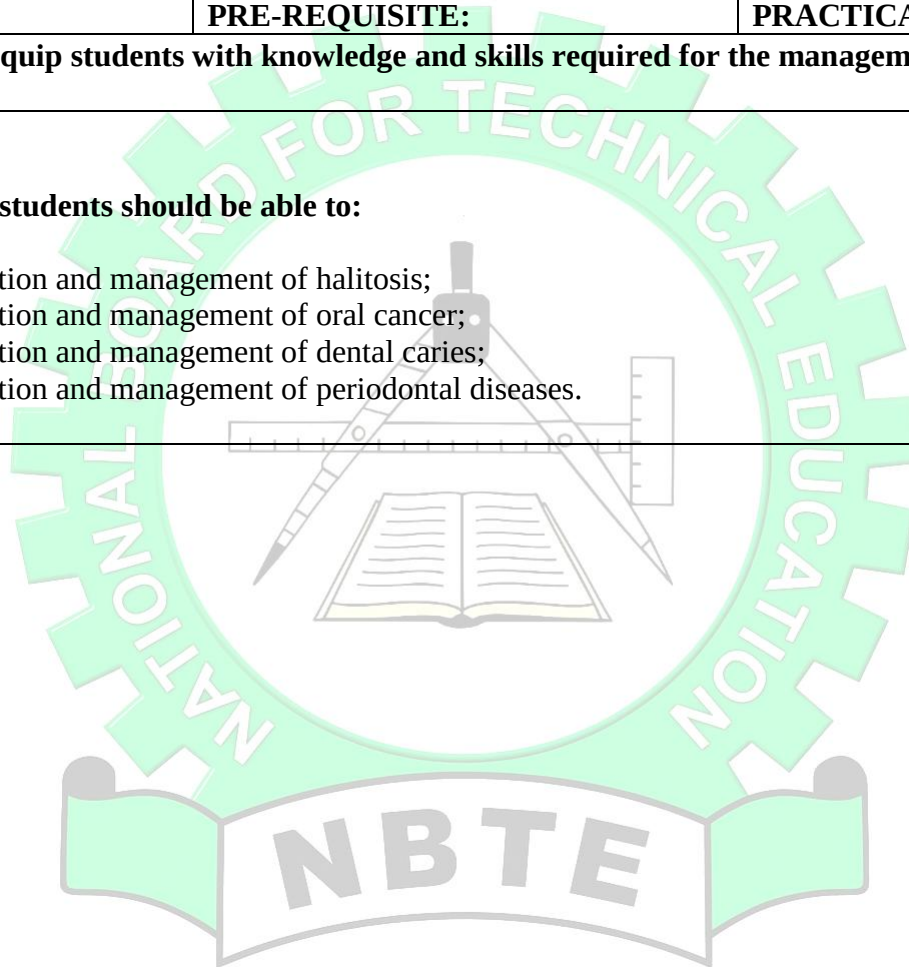
	of the mandible. 2.3 Describe the Temporo-Mandibular Joint (TMJ).	- Discuss the structure of the mandible. - Discuss the Temporo-Mandibular Joint (TMJ).	Models, Charts, Marker, Textbooks, etc.	maxilla. - Draw a well-labeled cross-section of the mandible. - Draw a well-labeled cross-section of the Temporo-Mandibular Joint.	- Draw a well-labeled cross-section of the maxilla. - Draw a well-labeled cross-section of the mandible. - Draw a well-labeled cross-section of the Temporo-Mandibular Joint.	Projector, Drawing set.
General Objective 3.0: Understand the muscles of facial expression						
5-7	3.1 Describe the muscles of facial expression. 3.2 Outline the muscles involved in facial expression. 3.3 Outline the functions of the muscles involved facial expressions.	- Explain the Muscles of Facial Expression. - Discuss the muscles involved in facial expression. - Explain the functions of the facial expressions.	Whiteboard, Multimedia projector, Models, Charts, Marker, Textbooks, etc.	- Identify the muscles of facial expressions using video clips. - Identify the location of the muscles involved in facial expressions. - Identify the functions of muscles involved in facial expressions.	Guide students to: - Identify the muscles of facial expressions using video clips. - Identify the location of the muscles involved in facial expressions. - Identify the functions of muscles involved in	Video clips, Models, Charts, Multimedia projector.

					facial expressions.	
General Objective 4.0: Know the muscles of mastication						
8-10	4.1 Outline the muscles involved in mastication. 4.2 Describe the muscles of mastication. 4.3 Outline the functions of the muscles involved in mastication.	• Explain the muscles of mastication • Discuss the muscles involved in mastication. • Explain the functions of the muscles involved in mastication.	Whiteboard, Multimedia projector, Models, Charts, Marker, Textbooks, etc.	• Identify the muscles of mastication using video clips. • Identify the location of the muscles involved in mastication. • Identify the functions of muscles involved in mastication.	Guide students to: • Identify the muscles of mastication using video clips. • Identify the location of the muscles involved in mastication. • Identify the functions of muscles involved in mastication.	Video clips, Models, Charts, Multimedia projector.
General Objective 5.0: Understand the process of speech formation, sneezing, yawning and physiology of swallowing						
11-13	5.1 Describe the process of speech formation: - Voice formation; - Process of speech; - Speech difficulties and anomalies. 5.2 Describe the process of sneezing. 5.3 Describe the process of yawning. 5.4 Describe the physiology	• Discuss the Process of Speech formation: - Voice formation; - Process of speech; - Speech difficulties and anomalies. • Explain the Process of Sneezing	Whiteboard, Multimedia projector, Models, Charts, Marker, Textbooks, etc.	• Demonstrate the Process of Speech formation. • Demonstrate the process of sneezing. • Demonstrate the Process of Yawning. • Demonstrate the process of	Guide students to: • Demonstrate the Process of Speech formation. • Demonstrate the process of sneezing. • Demonstrate the Process of	Models, Multimedia projector, Charts, Video clips.

	of Swallowing.	• Explain the Process of Speech Yawning. • Explain the physiology of Swallowing.		swallowing.	Yawning. • Demonstrate the process of swallowing.	
General Objective 6.0: Know the twelve (12) cranial nerves						
14-15	6.1 Outline the 12 cranial nerves. 6.2 Describe the cranial nerves. 6.3 Outline the functions of the 12 cranial nerves.	• Discuss cranial nerves. • Discuss the 12 cranial nerves. • Explain the functions of the 12 cranial nerves.	Whiteboard, Multimedia projector, Models, Charts, Marker, Textbooks, etc.	• Identify the 12 cranial nerves • Observe the functions of the 12 cranial nerves using video clips.	Guide students to: • Identify the 12 Cranial nerves • Observe the functions of the 12 cranial nerves using video clips.	Models, Multimedia projector, Charts, Video clips.
Course Assessment: Course work: 10% Test/Assignment: 10% Practical: 40% Examination: 40% Total: 100%						

ORAL PATHOLOGY

PROGRAMME: HIGHER NATIONAL DIPLOMA IN DENTAL NURSING		
COURSE TITLE: ORAL PATHOLOGY	COURSE CODE: DNP 323	CONTACT HOURS: 3 HOURS/WEEK
	CREDIT UNIT: 3	THEORETICAL: 1 HOUR/WEEK
YEAR: I SEMESTER: II	PRE-REQUISITE:	PRACTICAL: 2 HOURS/WEEK
GOAL: This course is design to equip students with knowledge and skills required for the management of common acquired oral health conditions.		
GENERAL OBJECTIVE: On completion of the course, the students should be able to: 1.0 Know the etiology, prevention and management of halitosis; 2.0 Know the etiology, prevention and management of oral cancer; 3.0 Know the etiology, prevention and management of dental caries; 4.0 Know the etiology, prevention and management of periodontal diseases.		



PROGRAMME: HIGHER NATIONAL DIPLOMA IN DENTAL NURSING						
COURSE TITLE: ORAL PATHOLOGY			COURSE CODE: DNP 323		CONTACT HOURS: 3 HOURS/WEEK	
			CREDIT UNIT: 3		THEORETICAL: 1 HOUR/WEEK	
YEAR: III SEMESTER: II			PRE-REQUISITE:		PRACTICAL: 2 HOURS/WEEK	
COURSE SPECIFICATION: THEORETICAL AND PRACTICAL						
GOAL: This course is design to equip students with knowledge and Skills required for the management of common acquired oral health conditions.						
GENERAL OBJECTIVE 1.0 Know the etiology, prevention and management of halitosis						
THEORETICAL CONTENT				PRACTICAL CONTENT		
Week	Specific Learning Outcome	Teacher’s Activities	Resources	Specific Learning Outcome	Teacher’s Activities	Resources
1-3	1.1 Discuss Halitosis under the followings: i. Definition; ii. Etiology; iii. Pathogenesis; iv. Classification; v. Clinical manifestation; vi. Diagnosis. 1.2 Discuss prevention of halitosis: i. Brush your teeth twice daily; ii. Clean tongue; iii. Floss daily; iv. Use an antimicrobial mouth wash, etc. 1.4 Discuss management halitosis. i. Maintain good oral hygiene; ii. Use an appropriate mouth wash;	• Describe Halitosis under the followings: - Definition; - Etiology; - Pathogenesis; - Classification; - Clinical manifestation; - Diagnosis. • Explain the prevention of halitosis: - Brush your teeth twice daily; - Clean tongue; - Floss daily; - Use an antimicrobial mouth wash, etc. • Explain the management of halitosis: - Maintain good	White board, Multimedia projector, Journals, Text books, etc.	• Identify materials used for halitosis. • Identify etiology of halitosis. • Demonstrate diagnosis of patients with halitosis.	Guide students to: • Identify materials used for halitosis. • Identify etiology of halitosis. • Demonstrate diagnosis of patients with halitosis.	Tooth brush, Fluoride tooth paste, Dental floss, Antimicrobial mouthwash, Examination set, Computer system, PPE, Clean water.

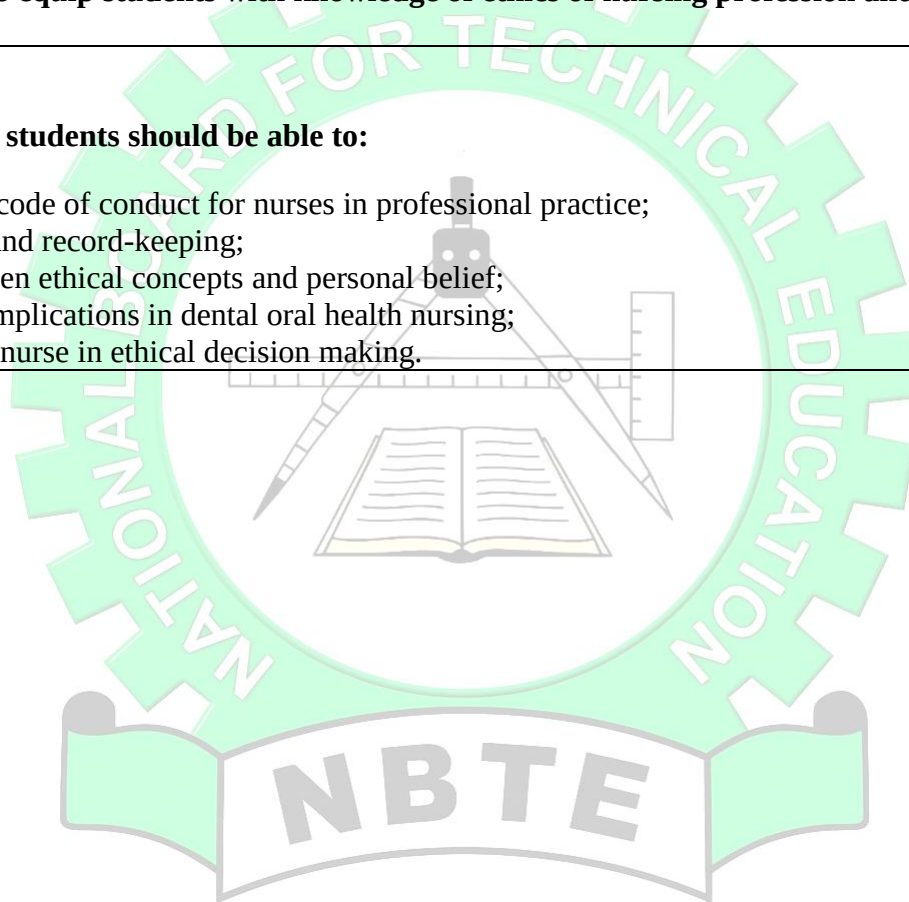
	iii. Proper dental treatments.	- oral hygiene; - Use an appropriate mouth wash etc. - Proper dental treatments etc.				
General Objective 2.0: Know the etiology, prevention and management of oral cancer						
4-6	2.1 Discuss oral cancer under the followings: i. Definition; ii. Etiology; iii. Pathogenesis; iv. Classification; v. Clinical Manifestations; vi. Diagnosis. 2.2 Discuss prevention of Oral Cancer i. Avoid tobacco; ii. Avoid excessive alcohol consumption; iii. Have regular dental checkups, etc. 2.3 Explain management of oral cancer i. Early diagnosis and assessment; ii. Surgery; iii. Radiotherapy; iv. Chemotherapy.	• Explain Oral Cancer under the followings: - Definition; - Etiology; - Pathogenesis; - Classification; - Clinical Manifestations; - Diagnosis. • Explain the prevention Oral Cancer: - Avoid tobacco; - Avoid excessive alcohol consumption; - Have regular dental checkups etc. • Discuss the management of oral cancer: - Early diagnosis and assessment; - Surgery; - Radiotherapy; - Chemotherapy, etc.	White board, Multimedia projector, Journals, Text books, etc.	• Identify material used in management of oral cancer.	• Guide students to identify material used in management of oral cancer.	Biopsy instrument, PPE, Tongue depressor, Antiseptic solution.

General Objective: 3.0 Know the etiology, prevention and management of dental caries.						
7-11	3.1 Discuss Dental Caries under the followings: - Definition; - Etiology; - Pathogenesis; - Classification; - Clinical Manifestations. - Diagnosis 3.2 Prevention of Dental Caries: - Brushing daily; - Reduce sugary foods and drinks; - Use fluoride product; - Teach children proper oral hygiene early. 3.3 Explain management of Dental Caries - Early assessment; - Fluoride treatment; - Dental fillings; - Root canal treatment; - Tooth extraction.	- Explain Dental Caries under the followings: - Definition; - Etiology; - Pathogenesis; - Classification; - Clinical Manifestations. - Diagnosis - Discuss prevention of dental Caries: - Brushing daily; - Reduce sugary foods and drinks; - Use fluoride product; - Teach children proper oral hygiene early. - Discuss management of dental carries: - Early assessment; - Fluoride treatment; - Dental fillings; - Root canal treatment; - Tooth extraction.	White board, Multimedia projector, Journals, Text books, etc.	- Perform the procedures of preventing dental caries. - Perform the procedures of management of dental carries.	Guide student to: - Perform the procedures of preventing dental caries. - Perform the procedures of management of dental caries.	Dental chair, Tooth brush, Fluoride paste, Dental floss Examination set, Gauze, Fluoride vanish or gel, Dental instrument for filling.
General Objective 4.0 : Know the etiology, prevention and management of periodontal diseases.						

12-15	4.1 Discuss Periodontal Diseases under the Followings: - Definition; - Etiology; - Pathogenesis; - Classification; - Clinical Manifestations; - Diagnosis. 4.1 Explain prevention of Periodontal Diseases: - Avoid smoking and tobacco product; - Eat balanced diet; - Manage medical condition properly. 4.2 Explain management of Periodontal Diseases: - Oral hygiene instruction; - Professional dental cleaning; - Treatment of gum infections; - Regular follow up.	- Explain Periodontal Diseases under the Followings: - Definition; - Etiology; - Pathogenesis; - Classification; - Clinical Manifestations; - Diagnosis. - Explain preventive periodontal diseases: - Avoid smoking and tobacco product; - Eat balanced diet; - Manage medical condition properly. - Explain management of Periodontal Diseases: - Oral hygiene instruction; - Professional dental cleaning - Treatment of gum infections; - Regular follow up.	White board, Multimedia projector, Journals, Text books, etc.	- Demonstrate prevention of Periodontal Diseases. - Demonstrate management of Periodontal Diseases.	Guide students to: - Demonstrate prevention of Periodontal Diseases. - Demonstrate management of Periodontal Diseases.	Tooth brush, Fluoride tooth paste, Tongue cleaner, Clean water, Healthy diet, PPE, Examination set, Ultrasonic scaler, Periodontal probe, Dental mirror.
Course Assessment: Course work: 10% Test/Assignment: 10% Practical: 40% Examination: 40% Total: 100%						

ETHICO-LEGAL ISSUES IN DENTAL NURSING

PROGRAMME: HIGHER NATIONAL DIPLOMA IN DENTAL NURSING		
COURSE TITLE: ETHICO-LEGAL ISSUES IN DENTAL NURSING	COURSE CODE: DNP 324	CONTACT HOURS: 2 HOURS/WEEK
	CREDIT UNIT: 2	THEORETICAL: 2 HOURS/WEEK
YEAR: I SEMESTER: II	PRE-REQUISITE:	PRACTICAL: 0
GOAL: This course is designed to equip students with knowledge of ethics of nursing profession and legal implications of professional nursing practice.		
GENERAL OBJECTIVES: On completion of this course, the students should be able to: 1.0 Understand the importance of code of conduct for nurses in professional practice; 2.0 Know skills of report writing and record-keeping; 3.0 Know possible conflicts between ethical concepts and personal belief; 4.0 Understand the various legal implications in dental oral health nursing; 5.0 Understand the roles of dental nurse in ethical decision making.		



PROGRAMME: HIGHER NATIONAL DIPLOMA IN DENTAL NURSING						
COURSE TITLE: ETHICO-LEGAL ISSUES IN DENTAL NURSING			COURSE CODE: DNP 324	CONTACT HOURS: 2HOURS/WEEK		
			CREDIT UNIT: 2	THEORETICAL: 2HOURS/WEEK		
YEAR: I SEMESTER: II			PRE-REQUISITE:	PRACTICAL: 0		
COURSE SPECIFICATION: THEORETICAL AND PRACTICAL						
GOAL: This course is designed to equip students with knowledge of ethics of nursing profession and legal implications of professional nursing practice.						
GENERAL OBJECTIVE 1.0: Understand the importance of code of conduct for nurses in professional practice						
THEORETICAL CONTENT				PRACTICAL CONTENT		
Week	Specific Learning Outcome	Teacher’s Activities	Resources	Specific Learning Outcome	Teacher’s Activities	Resources
1-3	1.1 Explain ethics of nursing and standard of practice. 1.2 Describe the structure of Nursing and Midwifery Council of Nigeria (NMCN). 1.3 Outline the functions of the NMCN. 1.4 Discuss the Decree and Act of the NMCN. 1.5 Outline the Roles of National and International Nursing Organisations on Ethical Code of Practice.	• Discuss ethics of nursing and standard of practice. • Describe the structure of the NMCN. • Explain the functions of the NMCN. • Discuss the Decree and Act of the NMCN. • Outline the Roles of National and International Nursing Organisations on Ethical Code of Practice.	White board, Marker, Relevant reference textbooks, Charts, Projector, etc.			
General Objective 2.0: Know the skills in report writing and record-keeping						
4-6	2.1 Explain incident report. 2.2 Explain report writing and giving.	• Describe incident report. • Discuss report	White board, Marker, Relevant	• Demonstrate the skills in report writing and record keeping,	Guide the students to: • Demonstrate the	Report writing template,

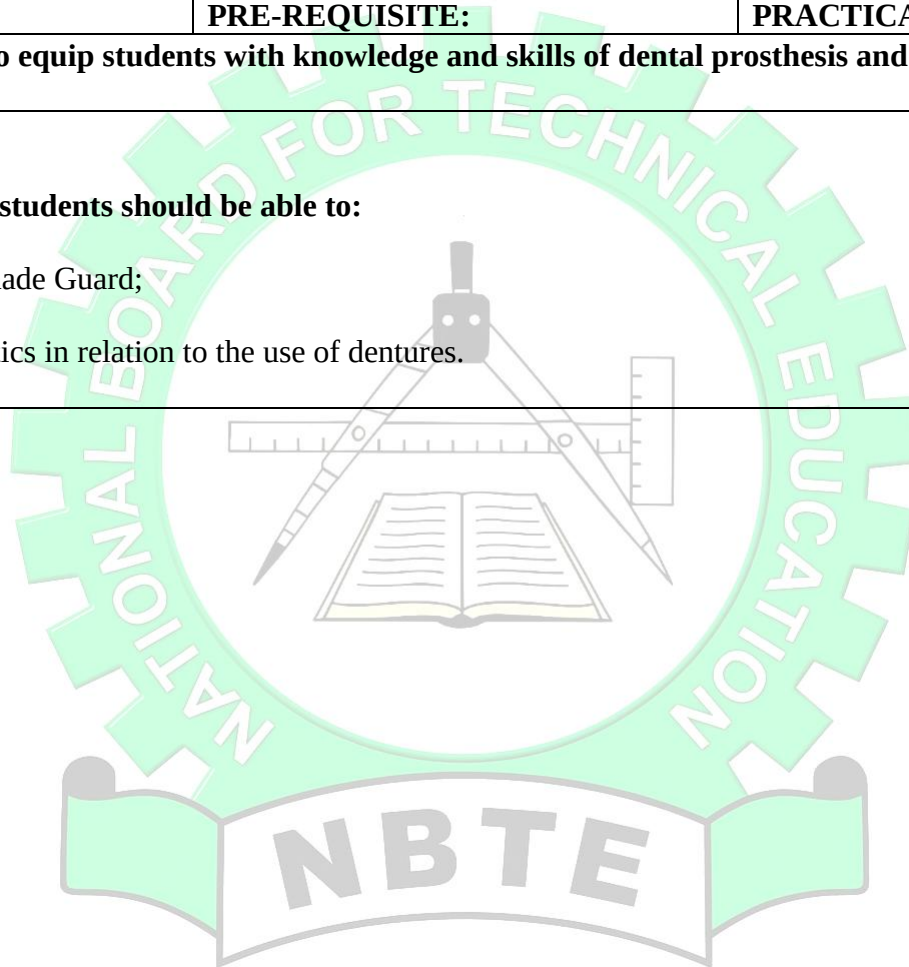
	2.3 Explain Taking and Handing over of patients in the ward. 2.4 Outline Ethical Theories. 2.5 Explain Domains of Nursing Ethics.	writing and giving. - Describe Taking and Handing over of patients in the ward. - Explain Ethical Theories. - Explain Domains of Nursing Ethics.	reference textbooks, Charts, Projector, etc.	Demonstrate Taking and Handing over of patients in the ward.	skills in report writing and record keeping. Demonstrate Taking and Handing over of patients in the ward.	Charts, Video clips, Multimedia projector.
General Objective 3.0: Understand possible conflicts between ethical concepts and personal belief						
7-10	3.1 Explain the policy of dental department and the role of each cadre. 3.2 Explain the following legal terms: - Legal Responsibility; - Liability; - Contract; - Plaintive; - Defendant; - Legal doctrine related to negligence (Res Ipsa Loquitor and Respondeat Superior); - Patient Bill of Rights; - Malpractice; - Battery and Assault; - Consent; 3.3 Explain Ethics and law guiding dental nurses. 3.4 Outline the Legal Roles of the dental Nurse.	- Discuss the policy of dental department and the role of each cadre. - Discuss the following legal terms: - Legal Responsibility; - Liability; - Contract; - Plaintive; - Defendant; - Legal doctrine; related to negligence (Res Ipsa Loquitor and Respondeat Superior); - Patient Bill of Rights; - Malpractice; - Battery and Assault; - Consent. - Discuss ethics and	White board, Marker, Relevant reference textbooks, Charts, Projector, etc.			

		law guiding dental nurses. • Explain the Legal Roles of the dental Nurse.				
General Objective 4.0: Understand the various legal litigation in dental oral health nursing						
11-12	4.1 Explain litigation in dental nursing practice. 4.2 Explain the good Samaritan laws. 4.3 Itemize the Types of Notifiable/Reportable Cases in Emergencies	• Discuss Litigation in Dental Nursing Practice. • Discuss the Good Samaritan Laws. • Explain the Types of Notifiable/Reportable Cases in Emergencies.	White board, Marker, Relevant reference textbooks, Charts, Projector, etc.			
General Objective 5.0: Understand the roles of dental nurse in ethical decision making.						
13-15	5.1 Outline the role of Dental Nurse in ethical decision making 5.2 Explain the Legal Pitfalls in Emergencies. 5.3 Explain the Legal Implications in the Care of Patients Under Special Situations: - Mentally disturbed patients; - Alcohol and Substance Abuse Patients; - Attempted Suicide Patients; - Telephone advice; - Administering	• Discuss the role of Dental Nurse in ethical decision making • Discuss the Legal Pitfalls in Emergencies. • Discuss the Legal Implications in the Care of Patients Under Special Situations: - Mentally disturbed patients; - Alcohol and Substance Abuse	White board, Marker, Relevant reference textbooks, Charts, Projector, etc.			

	Medications; vi. Obtaining Evidence by the Police -Felony related cases; vii. Non-Responsiveness of Doctor on call; viii. Handling of Evidence Properly; ix. Care of the deceased Belongings.	Patients; - Attempted Suicide Patients; - Telephone advice; - Administering Medications; - Obtaining Evidence by the Police -Felony related cases; - Non-Responsiveness of Doctor on call; - Handling of Evidence Properly; - Care of the deceased Belongings.				
Course Assessment: Course work: 10% Test/Assignment: 10% Practical: 40% Examination: 40% Total: 100%						

DENTAL PROSTHETICS

PROGRAMME: HIGHER NATIONAL DIPLOMA IN DENTAL NURSING		
COURSE TITLE: DENTAL PROSTHETICS	COURSE CODE: DNP 325	CONTACT HOURS: 3 HOURS/WEEK
	CREDIT UNIT 3	THEORETICAL: 1 HOUR/WEEK
YEAR: I SEMESTER: II	PRE-REQUISITE:	PRACTICAL: 2 HOURS/WEEK
GOAL: This course is designed to equip students with knowledge and skills of dental prosthesis and their application in dental health care.		
GENERAL OBJECTIVE: On completion of the course, the students should be able to: 1.0 Understand the selection of Shade Guard; 2.0 Know impression taking; 3.0 Understand speech and phonetics in relation to the use of dentures.		



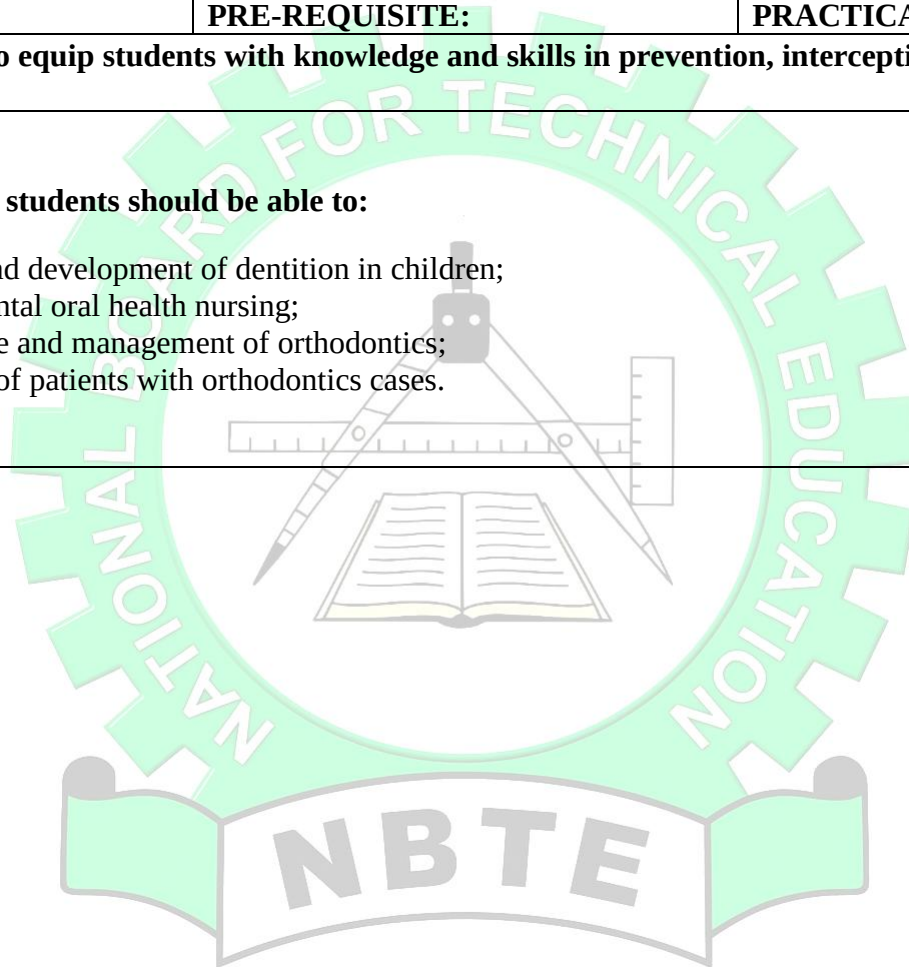
PROGRAMME: HIGHER NATIONAL DIPLOMA IN DENTAL NURSING						
COURSE TITLE: DENTAL PROSTHETICS			COURSE CODE: DNP 325	CONTACT HOURS: 3 HOURS/WEEK		
			CREDIT UNIT 3	THEORETICAL: 1 HOUR/WEEK		
YEAR: I SEMESTER: II			PRE-REQUISITE:	PRACTICAL: 2 HOURS/WEEK		
COURSE SPECIFICATION: THEORETICAL AND PRACTICAL						
GOAL: This course is designed to equip students with knowledge and skills of dental prosthesis and their application in dental health care.						
GENERAL OBJECTIVE 1.0: Understand the Selection of Shade Guard						
THEORETICAL CONTENT				PRACTICAL CONTENT		
Week	Specific Learning Outcome	Teacher’s Activities	Resources	Specific Learning Outcome	Teacher’s Activities	Resources
1-5	1.1 Explain selection of Shade: i. Clean the teeth; ii. Choose the shade before tooth preparation; iii. Keep the tooth moist; iv. Compare the shade guide with the natural tooth. 1.2 Explain Selection of Shade using shade guide: i. Age; ii. Sex/Complexion. 1.3 Describe Forwarding of patient impression to the laboratory for fabrication: i. Inspect the impression;	• Discuss Selection of Shade: - Clean the teeth; - Choose the shade before tooth preparation; - Keep the tooth moist; - Compare the shade guide with the natural tooth. • Discuss selection of Shade using shade guide: - Age; - Sex/Complexion. • Explain Forwarding of patient impression to the laboratory for Fabrication. - Inspect the impression;	Whiteboard, Marker, Charts, Video clips, Projector, Textbooks, Journals, etc. PPE, gauge, water, disinfectants, impression etc.	• Carry out selection of Shade Guard • Carry out forward the impression	Guide students to: • Carry out selection of Shade Guard • Carry out forward the impression	Dental shade guard, Examination set, Mouth wash, Water for cleaning the teeth, Shade selection charts, Guaze, PPE.

	ii. Rinse the impression; iii. Disinfect the impression; iv. Label the impression.	- Rinse the impression; - Disinfect the impression; - Label the impression.				
General Objective: 2.0 Know impression taking						
6-10	2.1 Explain impression materials. 2.2 Outline types of impression materials. 2.3 Outline procedures of impression taking: i. Prepare the patient; ii. Wash hand and wear PPE; iii. Prepare the impression material. 2.4 Explain Documentation and Record Keeping: i. Patient identification; ii. Date and time; iii. Types of impression; iv. Purpose of impression.	• Discuss Impression materials. • Explain types of impression materials • Explain procedures of impression taking: - Prepare the patient; - Wash hand and wear PPE; - Prepare the impression material. • Explain the purpose of documentation and record keeping: - Patient identification; - Date and time; - Types of impression; - Purpose of impression, etc.	Whiteboard, Marker, Charts, Video clips, Projector, Textbooks, Journals, etc.	• Prepare the patient. • Wash hand and wear PPE. • Prepare the impression material. • Demonstrate the procedures involved in impression taking.	Guide students to: • Prepare the patient. • Wash hand and wear PPE. • Prepare the impression material. • Demonstrate the procedures involved in impression taking.	Impression materials, Dental gauze, Mixing bowl, Spatula, Clinical notes, Impression record form, Request form, Identification card, Dental charts.
General Objective 3.0: Understand speech and phonetics in relation to the use of dentures.						

11-15	3.1 Describe prosthetics appliance: - Complete denture; - Partial denture; - Implant; - Dental crowns. 3.2 Explain Speech and Phonetics in Relation in denture usage. - Improve pronunciation; - Adaptation period; - Sound, etc. 3.3 Describe the Mechanism of - Speech; - Respiration; - Phonation; - Resonance; - Articulation; - Formation of words.	- Explain prosthetics appliance: - Complete denture; - Partial denture; - Implant; - Dental crowns. - Discuss speech and phonetics in relation in denture usage: - Improve pronunciation; - Adaptation period; - Sound, etc. - Discuss the Mechanism of - Speech; - Respiration; - Phonation; - Resonance; - Articulation; - Formation of words.	Whiteboard, Marker, Charts, Video clips, Projector, Textbooks, Journals, etc.	- Identify the appliance used for speech. - Demonstrate how to educate the patient to speak.	Guide students to: - Identify the appliance used for speech. - Demonstrate how to educate the patient to speak.	PPE, Record device, Dental cast, Shade guide, Tongue depressor, Model of the larynx and vocal cords, Charts.
Course Assessment: Course work: 10% Test/Assignment: 10% Practical: 40% Examination: 40% Total: 100%						

ORTHODONTIC IN DENTAL NURSING

PROGRAMME: HIGHER NATIONAL DIPLOMA IN DENTAL NURSING		
COURSE TITLE: ORTHODONTIC IN DENTAL NURSING	COURSE CODE: DNP 326	CONTACT HOURS: 3 HOURS/WEEK
	CREDIT UNIT: 3	THEORETICAL: 1 HOUR/WEEK
YEAR: III SEMESTER: II	PRE-REQUISITE:	PRACTICAL: 2HOURS/WEEK
GOAL: This course is designed to equip students with knowledge and skills in prevention, intercepting and management of malocclusion.		
GENERAL OBJECTIVES: On completion of this course, the students should be able to: 1.0 Understand normal growth and development of dentition in children; 2.0 Understand orthodontic in dental oral health nursing; 3.0 Know preventive, interceptive and management of orthodontics; 4.0 Understand the management of patients with orthodontics cases.		

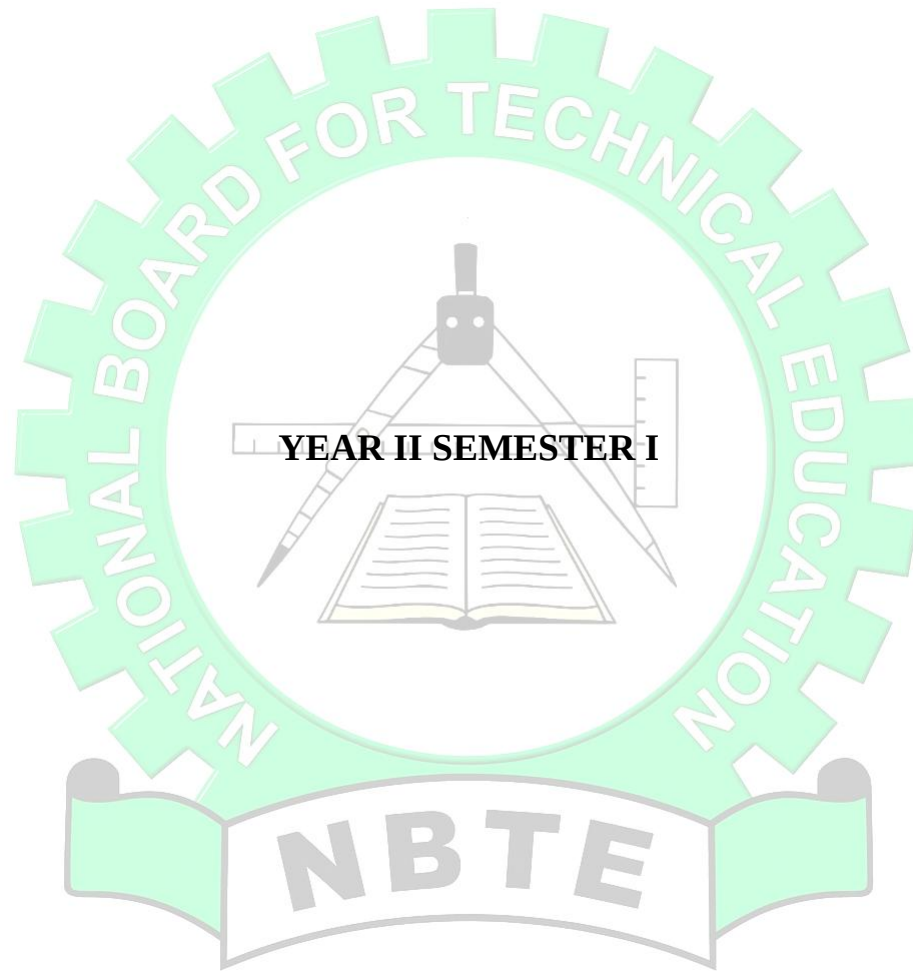


PROGRAMME: HIGHER NATIONAL DIPLOMA IN DENTAL NURSING						
COURSE TITLE: ORTHODONTIC DENTAL NURSING			COURSE CODE: DNP 326		CONTACT HOURS: 3 HOURS/WEEK	
			CREDIT UNIT: 3		THEORETICAL: 1 HOUR/WEEK	
YEAR: III SEMESTER: II			PRE-REQUISITE:		PRACTICAL: 2HOURS/WEEK	
COURSE SPECIFICATION: THEORETICAL AND PRACTICAL						
GOAL: This course is designed to equip students with knowledge and skills in prevention intercepting and management of malocclusion.						
GENERAL OBJECTIVE 1.0: Understand Normal/Abnormal Growth and Development of Dentition						
THEORETICAL CONTENT				PRACTICAL CONTENT		
Week	Specific Learning Outcome	Teacher’s Activities	Resources	Specific Learning Outcome	Teacher’s Activities	Resources
1-2	1.1 Describe normal growth and development of dentition. 1.2 Outline the causes of abnormal growth and development of dentition. 1.3 Define the following terms in relation to the growth and development of dentition: i. Micro dontia; ii. Macro dontia; iii. Dilaceration; iv. Macrognatia; v. Micrognatia; vi. Macroglotia;	• Explain normal growth and development of dentition • Discuss the causes of abnormal growth and development of dentition • Discuss the following terms in relation to the growth and development of dentition: - Micro dontia; - Macro dontia; - Dilaceration; - Macrognatia; - Micrognatia; - Macroglotia;	Whiteboard, Marker, Journals, Textbooks, Projector, etc.			

	vii. Microglotia.	- Microglotia.				
General Objective : 2.0 Understand orthodontic dental oral health nursing						
3-7	2.1 Explain orthodontic dental oral health care. 2.2 Explain the following terms in relation to orthodontic: - Over jet; - Over bite; - Cross bite; - Open bite; - Scissors bite; - Supernumerary ; - Diastema. 2.3 Outline the procedures involve in the management of orthodontic cases.	- Discuss orthodontic dental oral health care. - Discuss the following terminologies in relation to orthodontic: - Over jet; - Over bite; - Cross bite; - Open bite; - Scissors bite; - Supernumerary; - Diastema. - Discuss the procedures involve in the management of orthodontic cases.	Whiteboard, Marker, Journals, Textbooks, Projector, etc.	- Identify orthodontic cases in human dentition. - Identify the following malformations using video clips: - Over jet; - Over bite; - Cross bite; - Open bite; - Scissors bite; - Supernumerary; - Diastema. - Demonstrate the procedures involve in the management of orthodontic cases.	Guide students to: - Identify orthodontic cases in human dentition. - Identify the following malformations using video clips: - Over jet; - Over bite; - Cross bite; - Open bite; - Scissors bite; - Supernumerary - Diastema. - Demonstrate the procedures involve in the management of orthodontic cases.	Pictures, Models, Phantom heads, Impression taking apparatus, Orthodontic materials and instruments.
General Objective 3.0: Know preventive, interceptive and management of orthodontics						

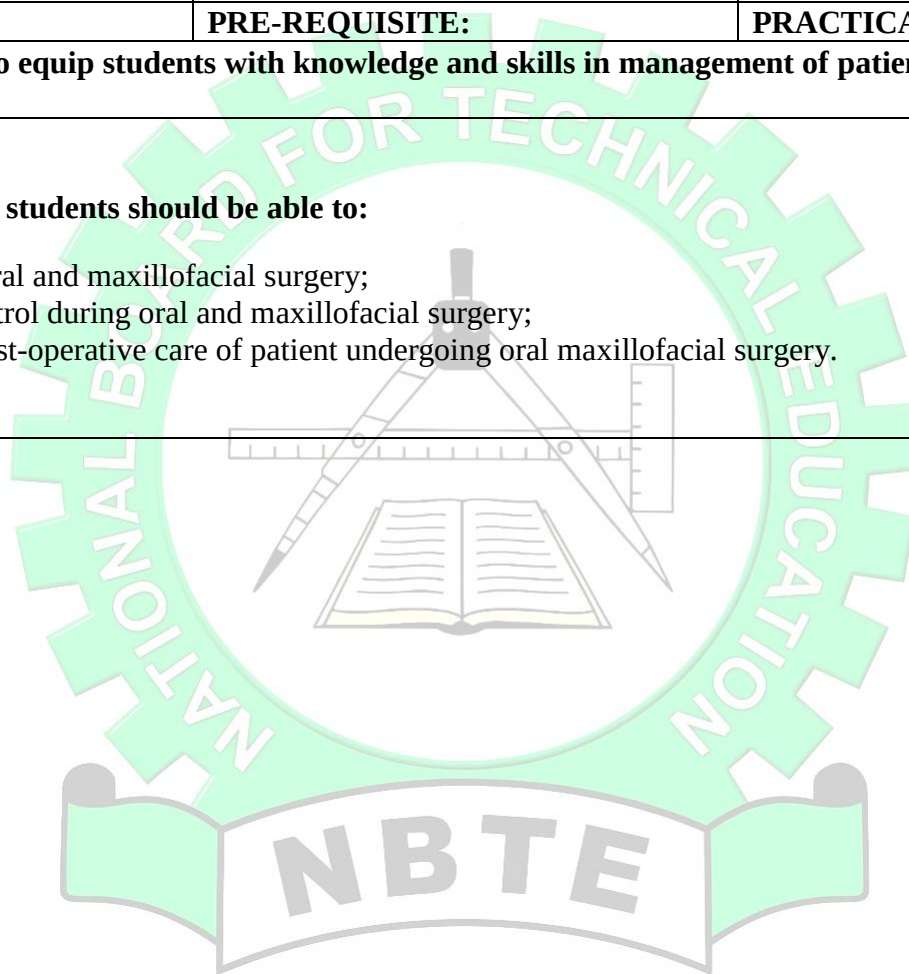
8-11	3.1 Explain Preventive orthodontic. 3.2 Explain Interceptive Orthodontics management and maintenance of optimal oral health care. 3.3 Describe orthodontics appliances. 3.4 Outline various appliances use in Orthodontic dental care. 3.5 Explain the uses of various appliances in orthodontics dental care.	• Discuss Preventive orthodontic. • Discuss Interceptive Orthodontics management and maintenance of optimal oral health care. • Discuss orthodontics appliances. • Discuss various appliances use in Orthodontic dental care. • Discuss the uses of various appliances in orthodontics dental care.	Whiteboard, Marker, Journals, Textbooks, Projector, etc.	• Identify various appliances use in Orthodontic Dental nursing. • Demonstrate the use of various appliances in orthodontics dental nursing. • Demonstrate dental nursing procedures in Preventive orthodontic. • Demonstrate dental nursing procedures in Interceptive orthodontics management and maintenance of optimal oral health care.	Guide students to: • Identify various Appliances use in Orthodontic Dental nursing. • Demonstrate the use of various appliances in orthodontics dental nursing. • Demonstrate dental nursing procedures in Preventive orthodontic. • Demonstrate dental nursing procedures in Interceptive orthodontics management and maintenance of optimal oral health care.	Phantom heads, Impression taking apparatus, PPE, Orthodontic appliances, Orthodontic materials and instrument.
General Objective 4.0: Understand the management of patients with orthodontics cases						
12-15	4.1 Outline the steps involve in the management of orthodontic patient 4.2 Outline the	• Discuss the steps involve in the management of orthodontic patient • Discuss the process involve in health	Whiteboard, Marker, Journals, Textbooks, Projector, etc.	• Identify instrument, materials and equipment needed in the management of orthodontic	Guide students to: • Identify instrument, materials and equipment needed in the management	Phantom heads, Charts, Video clips, Multimedia projector,

	steps involve in health education of orthodontic patient 4.3 Outline the instruments, materials and equipment needed in the management of orthodontic patient.	education of orthodontic patient. Discuss in detail instruments, materials and equipment needed in the management of orthodontic patient.		patient. - Demonstrate the use of those instruments, materials and equipment needed in the management of orthodontic patient. - Demonstrate the steps involve in the management of orthodontic patient. - Perform the process involve in health educating an orthodontic patient.	of orthodontic patient. - Demonstrate the use of those instruments, materials and equipment needed in the management of orthodontic patient. - Demonstrate the steps involve in the management of orthodontic patient. - Perform the process involve in health educating an orthodontic patient.	Impression taking apparatus, Models, Orthodontic appliance, Orthodontic materials and instruments.
Course Assessment: Course work: 10% Test/Assignment: 10% Practical: 40% Examination: 40% Total: 100%						



ORAL AND MAXILLOFACIAL SURGERY I

PROGRAMME: HIGHER NATIONAL DIPLOMA IN DENTAL NURSING		
COURSE TITLE: ORAL AND MAXILLOFACIAL SURGERY I	COURSE CODE: DNP 411	CONTACT HOURS: 3 HOURS/WEEK
	CREDIT UNIT: 3	THEORETICAL: 1 HOUR/WEEK
YEAR: II SEMESTER: I	PRE-REQUISITE:	PRACTICAL: 2 HOURS/WEEK
GOAL: This course is designed to equip students with knowledge and skills in management of patients with oral and maxillofacial cases.		
GENERAL OBJECTIVES: On completion of this course, the students should be able to: 1.0 Understand the concept of oral and maxillofacial surgery; 2.0 Know sedation and pain control during oral and maxillofacial surgery; 3.0 Understand pre, intra and post-operative care of patient undergoing oral maxillofacial surgery.		



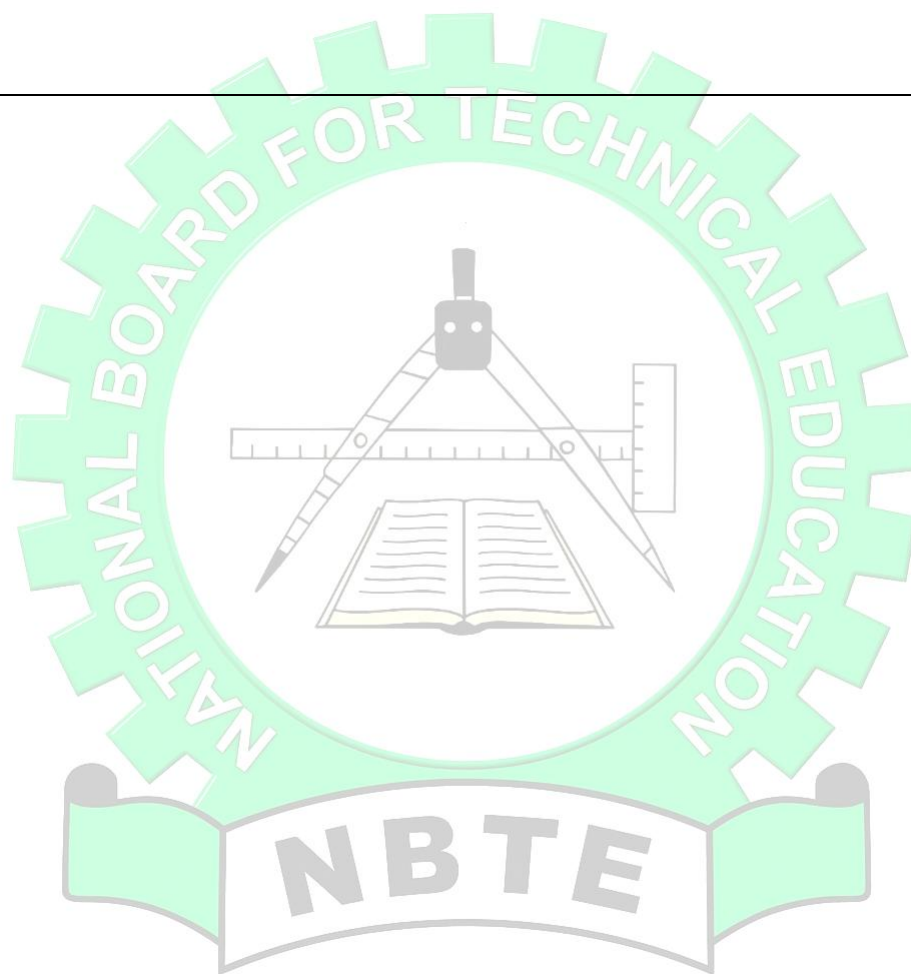
PROGRAMME: HIGHER NATIONAL DIPLOMA IN DENTAL NURSING						
COURSE TITLE: ORAL AND MAXILLOFACIAL SURGERY I			COURSE CODE: DNP 411		CONTACT HOURS: 3 HOURS/WEEK	
			CREDIT UNIT: 3		THEORETICAL: 1 HOUR/WEEK	
YEAR: II SEMESTER: I			PRE-REQUISITE:		PRACTICAL: 2 HOURS/WEEK	
COURSE SPECIFICATION: THEORETICAL AND PRACTICAL						
GOAL: This course is designed to equip students with knowledge and skills in management of patients with oral and maxillofacial cases.						
GENERAL OBJECTIVE 1.0: Understand the concept of oral and maxillofacial surgery						
THEORETICAL CONTENT				PRACTICAL CONTENT		
Week	Specific Learning Outcome	Teacher’s Activities	Resources	Specific Learning Outcome	Teacher’s Activities	Resources
1-4	1.1 Describe Oral and Maxillofacial Surgery. 1.2 Describe the preparation of patient for dental operation. 1.3 Outline the instruments used in Oral-Maxillofacial Surgery and their functions.	• Explain Oral and Maxillofacial Surgery. • Discuss the preparation of patient for dental operation using: - Aseptic technique; - Scrubbing; - Gowning. • Describe the instruments used oral -maxillofacial surgery and their functions.	Whiteboard, Marker, Journals, Textbooks, Charts, Multimedia projector, etc.	• Identify instruments used in Oral-Maxillofacial surgery. • Demonstrate preparation of patient for dental operation using: i. Aseptic technique; ii. Scrubbing; iii. Gowning.	Guide students to: • Identify instruments used in Oral-Maxillofacial surgery. • Demonstrate preparation of patient for dental operation using: - Aseptic technique; - Scrubbing; - Gowning.	Video clips, Charts, Multimedia projector, Surgical instruments, equipment and materials, PPE.
General Objective 2.0: Know sedation and pain control during oral and maxillofacial surgery.						
5-10	2.1 Describe the concept of sedation and pain control during oral	• Explain the concept of sedation and pain control during oral and maxillofacial	Whiteboard, Marker, Journals, Textbooks,	• Identify instruments, materials and equipment used for administration of local anesthesia.	Guide students to: • Identify instruments, materials and	Video clips, Charts, Multimedia projector,

	and maxillofacial surgery. 2.2 Outline the types of Sedation. 2.3 Describe the concept of local anesthesia. 2.4 Outline the composition of local anesthesia. 2.5 Describe the technique of administration of local anesthesia. 2.6 Discuss the nursing responsibilities in administration of anesthesia. 2.7 Outline the complications of local anesthesia.	surgery. • Discuss the types of sedation: - Minimal Sedation; - Conscious Sedation; - Deep Sedation; - General anaesthesia. • Explain the Concept of Local Anesthesia. • Discuss the composition of Local anesthesia. • Describe the technique of administration of local anesthesia: - Infiltration; - Nerve block; - Intra-Osseous; - Intra-Ligamentary; - Topical Application, etc. • Discuss the nursing responsibilities in administration of anesthesia: - Before; - During and;	Charts, Multimedia projector, etc.	• Identify the techniques of administration of local anesthesia. • Observe different sedation types using video clips. • Demonstrate the techniques of administration of local anesthetic. • Demonstrate the Nursing Responsibilities in administration of anesthesia: i. Before; ii. During and; iii. After.	equipment used for administration of local anesthesia. • Identify the techniques of administration of local anesthesia. • Observe different sedation types using video clips. • Demonstrate the techniques of administration of local anesthesia. • Demonstrate the Nursing Responsibilities in administration of anesthesia: - Before; - During and; - After.	PPE, Dental metal syringe, Dental needle, Examination set, Gauze. Local anesthetic agents.
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		- After. • Explain Complications of Local anesthesia.				
General Objective 3.0: Understand pre, intra and post-operative nursing care of patient undergoing oral and maxillofacial surgery						
11-15	3.1 Describe the pre-operative nursing care to patients undergoing maxillofacial surgery. 3.2 Describe the intra operative care to a patient undergoing oral and maxillofacial surgery. 3.3 Outline post-operative nursing care to a patient after oral and maxillofacial surgery:	• Explain pre-operative nursing care to patients undergoing maxillofacial surgery: - Physical care - Physiological Care - Psychological Care - Consent, etc. • Discuss the Intra operative nursing care to a patient undergoing oral and maxillofacial surgery: • Explain the post-operative nursing care to a patient after oral and maxillofacial surgery: - Monitoring care during recovery - Post-operative instructions.	Whiteboard, Marker, Journals, Textbooks, Charts, Multimedia projector, etc.	• Demonstrate the pre-operative nursing care to patients undergoing maxillofacial surgery: - Physical care - Physiological Care - Psychological Care - Consent, etc. • Demonstrate the intra operative nursing care to patients undergoing maxillofacial surgery (suction). • Demonstrate the post-operative nursing care to patients undergoing maxillofacial surgery.	Guide students to: • Demonstrate the pre-operative nursing care to patients undergoing maxillofacial surgery: Physical care; Physiological Care; Psychological Care Consent, etc. • Demonstrate the intra operative nursing care to patients undergoing maxillofacial surgery (suction). • Demonstrate the post-operative nursing care to patients undergoing maxillofacial surgery.	Charts, Video clips, Multimedia projector, Vital signs apparatus, Dental units, Suction machine, Examination set, Forceps, Dental syringe, Dental elevators, PPE.

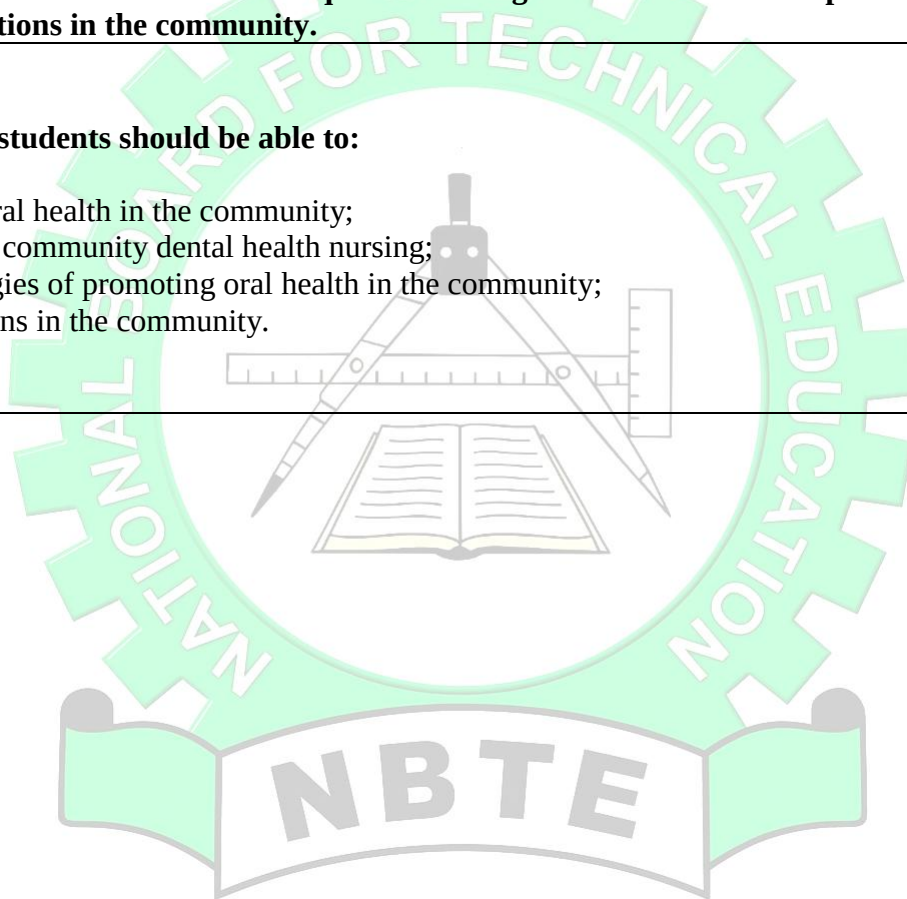
Course Assessment:

Course work:	10%
Test/Assignment:	10%
Practical:	40%
Examination:	40%
Total:	100%



PREVENTIVE AND COMMUNITY DENTAL HEALTH NURSING

PROGRAMME: HIGHER NATIONAL DIPLOMA IN DENTAL NURSING		
COURSE TITLE: PREVENTIVE AND COMMUNITY DENTAL HEALTH NURSING	COURSE CODE: DNP 412	CONTACT HOURS: 3 HOURS/WEEK
	CREDIT UNIT 3	THEORETICAL: 1 HOUR/WEEK
YEAR: II SEMESTER: I	PRE-REQUISITE:	PRACTICAL: 2 HOURS/WEEK
GOAL: This course is designed to enable the students acquire knowledge and skills in disease prevention, health promotion and management of oral health conditions in the community.		
GENERAL OBJECTIVE:		
On completion of the course, the students should be able to:		
1.0 Understand the concept of oral health in the community;		
2.0 Understand the principles of community dental health nursing;		
3.0 Know the models and strategies of promoting oral health in the community;		
4.0 Know common oral conditions in the community.		



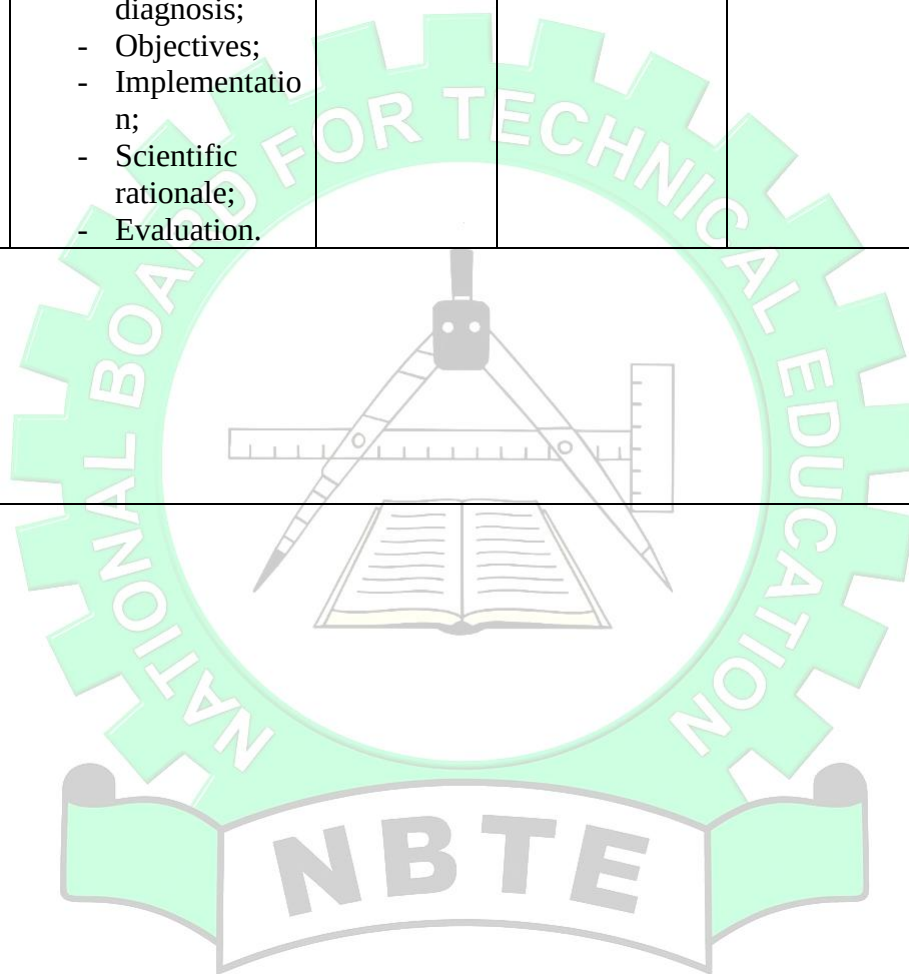
PROGRAMME: HIGHER NATIONAL DIPLOMA IN DENTAL NURSING						
COURSE TITLE: PREVENTIVE AND COMMUNITY DENTAL HEALTH NURSING			COURSE CODE: DNP 412	CONTACT HOURS: 3 HOURS/WEEK		
			CREDIT UNIT 3	THEORETICAL: 1 HOUR/WEEK		
YEAR: II SEMESTER: I			PRE-REQUISITE:	PRACTICAL: 2 HOURS/WEEK		
COURSE SPECIFICATION: THEORETICAL AND PRACTICAL						
GOAL: This course is designed to enable the students to acquire knowledge and skills in disease prevention, health promotion and management of oral health conditions in the community.						
GENERAL OBJECTIVE 1.0: Understand the Concept of Oral Health in the Community						
THEORETICAL CONTENT				PRACTICAL CONTENT		
Wee k	Specific Learning Outcome	Teacher’s Activities	Resources	Specific Learning Outcome	Teacher’s Activities	Resources
1-3	1.1 Explain the concept of: i. Oral Health; ii. Community Health. 1.2 Describe the principles of community dental nursing and primary oral health: i. Health promotion; ii. Disease prevention; iii. Accessibility of care; iv. Early detection, etc. 1.3 Explain the relationship between oral health and community health care.	• Discuss the concept of: - Oral Health; - Community Health. • Explain the principles of community dental nursing and primary oral health. - Health promotion; - Disease prevention; - Accessibility of care; - Early detection etc. • Establish the	Journals, Charts, Whiteboard, Marker, Projector, Textbooks, etc.	• Demonstrate the application of community primary oral health through health promotion, disease prevention and patient education. • Analyse the relationship between oral health and community health.	Guide students to: • Demonstrate the application of community primary oral health through health promotion, disease prevention and patient education • Analyse the relationship between oral health and community health.	Tooth brush, Dental floss, Models, PPE, Tooth paste, Posters, Charts, Video clips, Multimedia projector.

		relationship between oral health and community health care.				
General Objective 2.0: Understand the principles of community dental health nursing						
4-7	2.1 Describe a community Health Nurse. 2.2 Outline the Principles of community dental health nursing: - Health promotion; - Disease prevention; - Health education. 2.3 Discuss principle of patient centered care in community health: - Respect and dignity; - Individualized care; - Effective communication.	- Explain a community Health Nurse. - Outline the Principles of community dental health nursing. - Health promotion; - Disease prevention; - Health education. - Explain principle of Patient centered care in community health: - Respect and dignity; - Individualized care; - Effective communication, etc.	Journals, Charts, Whiteboard, Marker, Projector, Textbooks, etc.	- Identify material used in community oral health care. - Demonstrate community engagement.	Guide students to: - Identify material used in community oral health care. - Demonstrate community engagement.	Charts, Tooth brush, Audio-visual materials, Pot, Cooker, Flip charts, PPE, Video clips, Multimedia projector.
General Objective 3.0: Know the models and strategies of promoting oral health in the community.						

8-11	3.1 Explain the various models of promoting oral health care delivery in the community: - Health education model; - Florence Nightingale - Environmental Model; - Health Belief Model; - Pender's Health Promotion Model. 3.2 Explain the strategies of oral health education in the community through: - Community Education; - School Health Education; - Jingles; - Posters; - Home Visits; - Preaching. 3.3 Outline the activities for promoting oral health in the community: - Oral health education; - Proper tooth brushing; - Healthy diet education.	- Discuss the various models of promoting oral health care delivery in the community: - Health Education Model; - Florence Nightingale - Environmental Model; - Health Belief Model; - Pender's Health Promotion Model etc. - Discuss the strategies of oral health education in the community through: - Community Education; - School Health Education; - Jingles; - Posters; - Home Visits; - Preaching etc. - Discuss the activities for promoting oral health in the	Journals, Charts, Whiteboard, Marker, Projector, Textbooks, etc.	Demonstrate the activities of promoting oral health in the community.	Guide students to demonstrate the activities of promoting oral health in the community.	Tooth brush, Tooth model, Flip charts, Audio and video materials, Multimedia projector, Laptop, Posters, Fliers, Charts.
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		community: - Oral health education; - Proper tooth brushing; - Health diet education etc.				
General Objective 4.0: Know common oral conditions in the community.						
12-15	4.1 Describe common oral conditions in the community: - Halitosis; - Dental Caries; - Periodontal Diseases; - Gingivitis; - Dental Plaque and Calculus; - Pericoronitis; - Loss of dentition in older people. 4.2 Discuss the nursing process in managing common oral conditions in the community: - Assessment; - Nursing diagnosis; - Planning; - Implementation; - Evaluation. 4.3 Explain nursing care plan.	- Discuss Common Oral Conditions in the Community: - Halitosis; - Dental Caries; - Periodontal Diseases; - Gingivitis; - Dental Plaque and Calculus; - Pericoronitis; - Loss of Dentition in Older People etc. - Explain the nursing process in managing common oral conditions: - Assessment; - Nursing diagnosis; - Planning; - Implementation;	Journals, Charts, Whiteboard, Marker, Projector, Textbooks, etc.	- Identify the materials used for management of oral health condition. - Identify common oral condition in the community. - Demonstrate the steps of nursing process management.	Guide students to: - Identify the materials used for management of oral health condition. - Identify common oral condition in the community. - Demonstrate the steps of nursing process management	Examination set, Sphygmomanometer, Thermometer, Tooth brush, Fluoride tooth paste, Gauze, Clean water, Models, PPE.

		- Evaluation. • Discuss nursing care plan: - Nursing diagnosis; - Objectives; - Implementation; - Scientific rationale; - Evaluation.				
Course Assessment: Course work: 10% Test/Assignment: 10% Practical: 40% Examination: 40% Total: 100%						



RESTORATION AND PROSTHODONTICS I

PROGRAMME: HIGHER NATIONAL DIPLOMA IN DENTAL NURSING

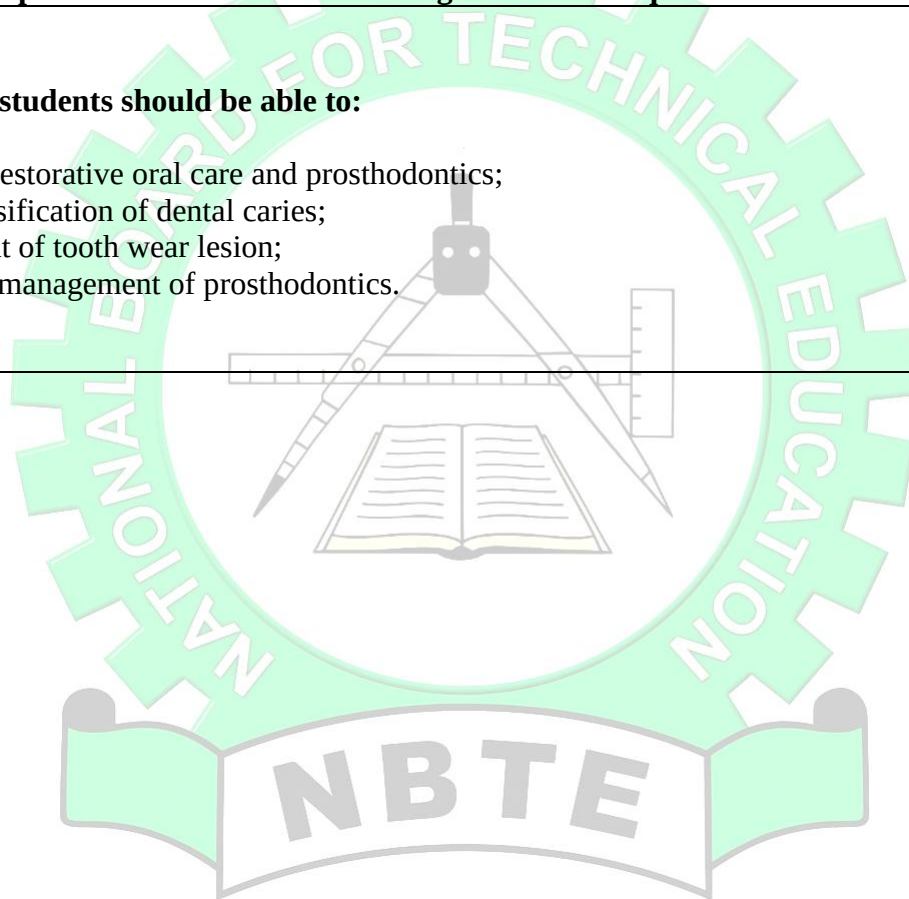
COURSE TITLE: RESTORATION AND PROSTHODONTICS I	COURSE CODE: DNP 413	CONTACT HOURS: 3 HOURS/WEEK
	CREDIT UNIT: 3	THEORETICAL: 1 HOUR/WEEK
YEAR: II SEMESTER: I	PRE-REQUISITE:	PRACTICAL: 2 HOURS/WEEK

GOAL: This course is designed to provide students with knowledge and skills required in restorative oral health and prosthodontics.

GENERAL OBJECTIVE:

On completion of the course, the students should be able to:

- 1.0 Understand the concept of restorative oral care and prosthodontics;
- 2.0 Know the etiology and classification of dental caries;
- 3.0 Understand the management of tooth wear lesion;
- 4.0 Know the nursing care and management of prosthodontics.



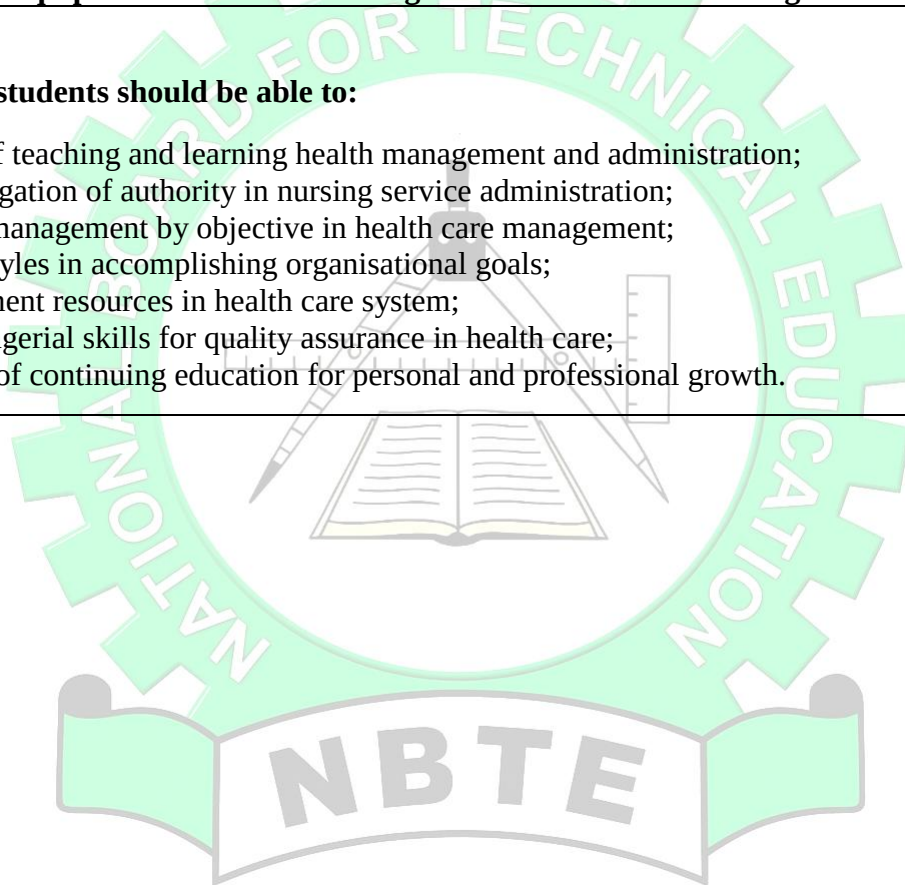
PROGRAMME: HIGHER NATIONAL DIPLOMA IN DENTAL NURSING						
COURSE TITLE: RESTORATION AND PROSTHODONTICS I			COURSE CODE: DNP 413		CONTACT HOURS: 3 HOURS/WEEK	
YEAR: II SEMESTER: I			CREDIT UNIT: 3		THEORETICAL: 1 HOUR/WEEK	
			PRE-REQUISITE:		PRACTICAL: 2 HOURS/WEEK	
COURSE SPECIFICATION: THEORETICAL AND PRACTICAL						
GOAL: This course is designed to provide students with knowledge and skills required in restorative oral health and prosthodontics.						
General Objective:1.0 Understand the concept of restorative oral care and prosthodontics.						
THEORETICAL CONTENT				PRACTICAL CONTENT		
Week	Specific Learning Objectives	Teachers Activities	Resources	Specific Learning Outcomes	Teacher’s Activities	Resources
1-4	1.1 Explain the following: i. Restorative Oral Care; ii. Prosthetics. 1.2 Outline the instrument use in restorative oral care: i. Examination set; ii. Spoon excavator; iii. Condenser. 1.3 Outline instrument used in prosthetics oral care. i. Examination set; ii. Impression tray; iii. Wax knife; iv. Lecron carver. 1.4 Outline Dental materials used in restorative oral care and prosthetics: i. Filling materials; ii. Impression;	• Discuss the following: - Restorative Oral Care; - Prosthetics. • Explain the instrument use in restorative oral care: - Examination set; - Spoon excavator; - Condenser etc. • Itemize instrument used in prosthetics oral care: - Examination set; - Impression tray; - Wax knife; - Lecron carver etc. • Explain dental materials used in	Journals, Charts, Whiteboard, Marker, Textbooks, Projector, etc.	• Identify instrument used in restorative oral care. • Identify instrument used in prosthetics oral care. • Identify materials used in restorative oral care and prosthetics.	Guide students to: • Identify instrument used in restorative oral care. • Identify instrument used in prosthetics oral care. • Identify materials used in restorative oral care and prosthetics.	PPE, Tooth models, Impression trays, Spatula, Mixing bowel, Charts, Video clips, Multimedia projector.

	Materials.	restorative oral care and prosthetics: - Filling materials; - Impression Materials etc.				
General Objective 2.0: Know the etiology and classification of dental caries.						
5-8	2.1 Explain dental caries. 2.2 Discuss the following: i. Etiology of dental caries; ii. Classification of dental caries. 2.3 Explain Nursing management of dental caries.	- Discuss dental caries and its management. - Explain the following: - Etiology; - Classification. - Discuss the Nursing management and prevention of dental caries.	Journals, Charts, Whiteboard, Marker, Textbooks, Projector, etc.	- Identify materials used in dental caries management. - Demonstrate the process of management of dental caries.	Guide students to: - Identify materials used in dental caries management. - Demonstrate the process of management of dental caries.	PPE, Tooth models, Impression trays, Spatula, Mixing slab, Charts, Video clips, Multimedia projector.
General Objective 3.0: Understand the management of tooth wear lesion						
9-11	3.1 Describe tooth wear lesion. 3.2 Discuss tooth wear lesion under the following: i. Etiology; ii. Risk Factor. 3.3 Explain nursing management and prevention of tooth wear lesion.	- Explain Tooth Wear Lesion: - Explain tooth wear lesion under the following: - Etiology; - Risk Factor; - Nursing Management. - Nursing Management and prevention of tooth wear lesion.	Journals, Charts, Whiteboard, Marker, Textbooks, Projector, etc.	- Identify Tooth Wear Lesion. - Demonstrate the procedure of wearing tooth lesion.	Guide students to: - Identify Tooth Wear Lesion. - Demonstrate the procedure of wearing tooth lesion.	PPE, Fluoride, Filling materials, charts, Charts, Video clips, Multimedia projector.
General Objective 4.0: Know the nursing care and management of prosthodontics						

12-15	4.1 Explain prosthodontics. 4.2 Explain nursing management of prosthodontic patients: - Assess the patient; - Maintain oral hygiene; - Ensure proper denture care; - Manage pains and discomfort. 4.3 Explain the importance of documenting all activities before, during and after the procedure. 4.4 Explain importance of follow up visit.	- Discuss prosthodontics. - Discuss nursing management of prosthodontic patients - Assess the patient; - Maintain oral hygiene; - Ensure proper denture care; - Manage pains and discomfort. - Discuss the importance of records of all activities before, during and after the procedure. - Discuss importance of follow up visit.	Journals, Charts, Whiteboard, Marker, Textbooks, Projector, etc.	- Identify the material used in nursing management of prosthodontics - Assist to remove prosthesis: - Partial Dentures - Complete /Full Dentures. - Document all activities before, during and after the Procedure. - Design follow-up visit plan.	Guide students to: - Identify the material used in nursing management of prosthodontics - Assist to remove prosthesis: - Partial Dentures - Complete /Full Dentures. - Document all activities before, during and after the Procedure. - Design a follow-up visit plan.	Multimedia Projector, Charts, Video clips, Cotton wool, Cleaning water bowl, Books, Pen, Registers.
Course Assessment: Course work: 10% Test/Assignment: 10% Practical: 40% Examination: 40% Total: 100%						

PRINCIPLES OF HEALTH MANAGEMENT AND ADMINISTRATION

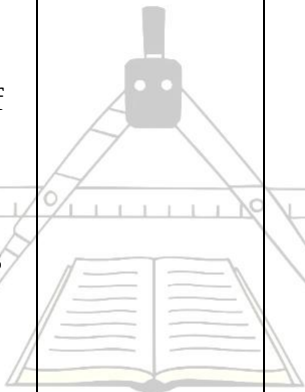
PROGRAMME: HIGHER NATIONAL DIPLOMA IN DENTAL NURSING		
COURSE TITLE: PRINCIPLES OF HEALTH MANAGEMENT AND ADMINISTRATION	COURSE CODE: DNP 414	CONTACT HOURS: 3 HOURS/WEEK
	CREDIT UNIT: 3	THEORETICAL: 1 HOUR/WEEK
YEAR: II SEMESTER: I	PRE-REQUISITE:	PRACTICAL: 2 HOURS/WEEK
GOAL: This course is designed to equip students with knowledge and skills in health management and administration		
GENERAL OBJECTIVE: On completion of the course, the students should be able to: 1.0 Understand the principles of teaching and learning health management and administration; 2.0 Apply the principles of delegation of authority in nursing service administration; 3.0 Understand the concept of management by objective in health care management; 4.0 Know relevant leadership styles in accomplishing organisational goals; 5.0 Understand use of management resources in health care system; 6.0 Know competences in managerial skills for quality assurance in health care; 7.0 Understand the importance of continuing education for personal and professional growth.		

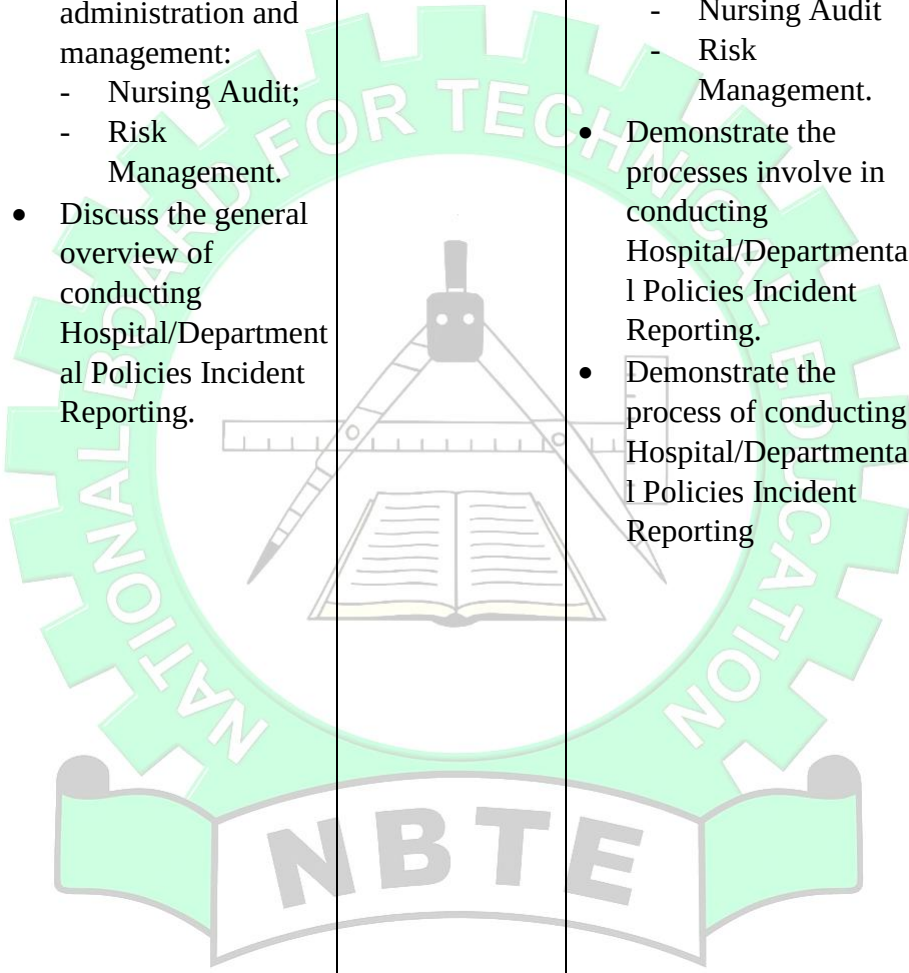


PROGRAMME: HIGHER NATIONAL DIPLOMA IN DENTAL NURSING						
COURSE TITLE: PRINCIPLES OF HEALTH MANAGEMENT AND ADMINISTRATION			COURSE CODE: DNP 414		CONTACT HOURS: 3 HOURS/WEEK	
			CREDIT UNIT: 3		THEORETICAL: 1 HOUR/WEEK	
YEAR: II SEMESTER: I			PRE-REQUISITE:		PRACTICAL: 2HOURS/WEEK	
COURSE SPECIFICATION: THEORETICAL AND PRACTICAL						
GOAL: This course is designed to equip students with knowledge and skills in health management and administration						
GENERAL OBJECTIVE 1.0 Understand the principles of teaching and learning of health management and administration						
THEORETICAL CONTENT				PRACTICAL CONTENT		
Week	Specific Learning Outcome	Teacher’s Activities	Resources	Specific Learning Outcome	Teacher’s Activities	Resources
1	1.1 Explain the general overview of teaching health management and administration. 1.2 Outline the different methods of teaching. 1.3 Explain learning health management and administration.	• Discuss the general overview of teaching. • Discuss the different methods of teaching. • Discuss learning health management and administration.	Journals, Pictures, Whiteboard, Marker, Textbooks, Projector, etc.	• Demonstrate the act of teaching health management and administration. • Demonstrate the different methods of teaching health management and administration.	Guide students to: • Demonstrate the act of teaching health management and administration. • Demonstrate the different methods of teaching health management and administration.	Journals, Pictures, Whiteboard, Marker, Textbooks, Audio visual aids.
General Objective 2.0: Apply the principles of delegation of authority in nursing service administration						

2-3	2.1 Explain delegation. 2.2 Explain the principles of delegation of authority and responsibility in nursing service administration. 2.3 Explain principles of authority, supervision and controlling. 2.4 Outline the Theories of Motivation.	• Discuss delegation • Discuss the principles of delegation of authority and responsibility in nursing service administration • Discuss the principles of authority, supervision and controlling in nursing administration • Explain the Theories of Motivation.	Journals, Pictures, Whiteboard, Marker, Textbooks, Projector, etc.	• Demonstrate the principles of delegation of authority and responsibility in nursing service administration. • Demonstrate the principles of authority, supervision and controlling.	Guide students to: • Demonstrate the principles of delegation of authority and responsibility in nursing service administration • Demonstrate the principles of authority, supervision and controlling.	Audio visual aids, Journals, Charts, Video clips, Multimedia projector.
General Objective 3.0: Understand the concept of management by objective in health care management						
4-5	3.1 Explain management. 3.2 Explain management by objectives in the management of health care services. 3.3 Outline the importance of proper management in health care delivery.	• Discuss Management. • Discuss Management by objectives in the Management of Health Care Services • Explain the importance of proper management in health care delivery.	Journals, Pictures, Whiteboard, Marker, Textbooks, Projector, etc.	• Demonstrate management by objectives in the management of health care services	• Guide students to demonstrate management by objectives in the management of health care services	Audio visual aids, Journals, Charts, Video clips, Multimedia projector.
General Objective 4.0: Understand relevant leadership styles in accomplishing organisational goals						
6-7	4.1 Explain Leadership in nursing. 4.2 Enumerate the	• Discuss Leadership in nursing • Explain the	Journals, Pictures, Whiteboard, Marker,	• Demonstrate leadership in nursing. • Demonstrate the	Guide students to: • Demonstrate leadership in	Audio visual aids, Journals

	leadership styles use in nursing to accomplish organisational goals. 4.3 Explain the following leadership styles: - Autocratic Leadership Style; - Democratic Leadership Style; - Laissez-Faire Leadership Style; - Participatory Leadership Style; - Charismatic Leadership Style.	leadership styles use in nursing to accomplish organisational goals. - Explain the following leadership styles and when to be used: - Autocratic Leadership Style; - Democratic Leadership Style; - Laissez-Faire Leadership Style; - Participatory Leadership Style; - Charismatic Leadership Style etc.	Textbooks, Projector, etc.	leadership styles use in nursing to accomplish organizational goals. - Demonstrate the following leadership styles and when to be used: - Autocratic Leadership Style; - Democratic Leadership Style; - Laissez-Faire Leadership Style; - Participatory Leadership Style; - Charismatic Leadership Style.	nursing - Demonstration of leadership styles use in nursing to accomplish organizational goals. - Demonstrate the Guide the students to demonstrate the following leadership styles and when to be adopted: - Autocratic Leadership Style; - Democratic Leadership Style; - Laissez-Faire Leadership Style; - Participatory Leadership Style; - Charismatic Leadership Style etc.	Charts, Video clips, Multimedia projector.
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General Objective 5.0: Understand the utilization of management resources in health care system						
8-9	5.1 Explain the following types of resources used in health care system: - Human; - Money and - Time. 5.2 Explain the use of the following Human Resources in Health Care management. 5.3 Elaborate the use of the following materials in health care system: - Drugs Supplies - Infrastructure.	- Discuss the following resources used in health care system: - Human; - Money and - Time. - Describe the Use of the following human resources in health care management. - Describe the use of the following materials in health care system - Drugs Supplies - Infrastructure.	Journals, Pictures, Whiteboard, Marker, Textbooks, Projector, etc. 	- Demonstrate the use of the following resources in health care management: - Human; - Money and - Time. - Demonstrate the use of the following materials in health care system - Drugs Supplies - Infrastructures.	Guide students to: - Demonstrate the use of the following resources in health care management: - Human - Money and - Time. - Demonstrate the use of the following materials in health care system - Drugs Supplies - Infra-structures, etc.	Audio visual aids, Journals Charts, Video clips, Multimedia projector.
General Objective 6.0: Know competences in managerial skills for quality assurance in health care						
10-11	6.1 Explain Quality Assurance. 6.2 Outline the process involve in conducting Quality Assurance and continuous quality maintenance in	- Discuss Quality Assurance - Discuss the process of conducting Quality Assurance and continuous quality maintenance	Audio visual aids, Journals Charts, Video clips, Multimedia projector.	- Demonstrate the process of conducting Quality Assurance and Continuous Quality Maintenance in nursing. - Demonstrate the	Guide students to: Conduct Quality Assurance and Continuous Quality Maintenance in	Audio visual aids, Journals Charts, Video clips, Multimedia projector.

	nursing. 6.3 Explain the following terms in relation to administration and management: i. Nursing Audit; ii. Risk Management. 6.4 Discuss the general overview of conducting Hospital/Departmental Policies Incident Reporting.	in nursing • Discuss the following terms in relation to administration and management: - Nursing Audit; - Risk Management. • Discuss the general overview of conducting Hospital/Departmental Policies Incident Reporting.		following terms in relation to administration and management: - Nursing Audit - Risk Management. • Demonstrate the processes involve in conducting Hospital/Departmental Policies Incident Reporting. • Demonstrate the process of conducting Hospital/Departmental Policies Incident Reporting	nursing • Conduct the following terms in relation to administration and management: - Nursing Audit; - Risk Management. • Demonstrate the processes involve in Conducting Hospital/Departmental Policies Incident Reporting • Demonstrate the process of conducting Hospital/Departmental Policies Incident Reporting.	
General Objective 7.0: Understand the importance of continuing education for personal and professional growth						

12-15	7.1 Explain Continuing Education and Professional Development: 7.2 Explain the need for Continuing Education and Professional Development 7.3 Explain concept of Continuing Professional Development.	• Discuss Continuing Education and Professional Development: • Discuss the need for Continuing Education and Professional Development • Discuss the Concept of Continuing Professional Development.	Audio visual aids, Journals Charts, Video clips, Multimedia projector.	• Identify the needs for Continuing Education and Professional Development • Demonstrate the process of Continuing Professional Development.	Guide students to: • Identify the needs for Continuing Education and Professional Development • Demonstrate the process of Continuing Professional Development.	Audio visual aids, Journals Charts, Video clips, Multimedia projector.
Course Assessment: Course work: 10% Test/Assignment: 10% Practical: 40% Examination: 40% Total: 100%						

RESEARCH METHODOLOGY IN DENTAL NURSING

PROGRAMME: HIGHER NATIONAL DIPLOMA IN DENTAL NURSING

COURSE TITLE: RESEARCH METHODOLOGY IN DENTAL NURSING	COURSE CODE: DNP 415	CONTACT HOURS: 3 HOURS/WEEK
	CREDIT UNIT: 3	THEORETICAL: 1 HOUR/WEEK
YEAR: II SEMESTER: I	PRE-REQUISITE:	PRACTICAL: 2 HOURS/WEEK

GOAL: The course is designed to provide the student with knowledge and skills required for data collection, presentation and interpretation as it relates to dental nursing.

GENERAL OBJECTIVE:

On completion of this course, the student should be able to:

- 1.0 Understand the meaning and scope of a digital library;
- 2.0 Understand how to use digital library;
- 3.0 Know research and steps involve in carry out research;
- 4.0 Understand basic principles of probability;
- 5.0 Understand the use and importance of some measures of central tendency and measures of dispersion in summarising data;
- 6.0 Know the methodology applied in research;
- 7.0 Know the various methods of data collection;
- 8.0 Know the various methods of processing data;
- 9.0 Understand the presentation of research report.

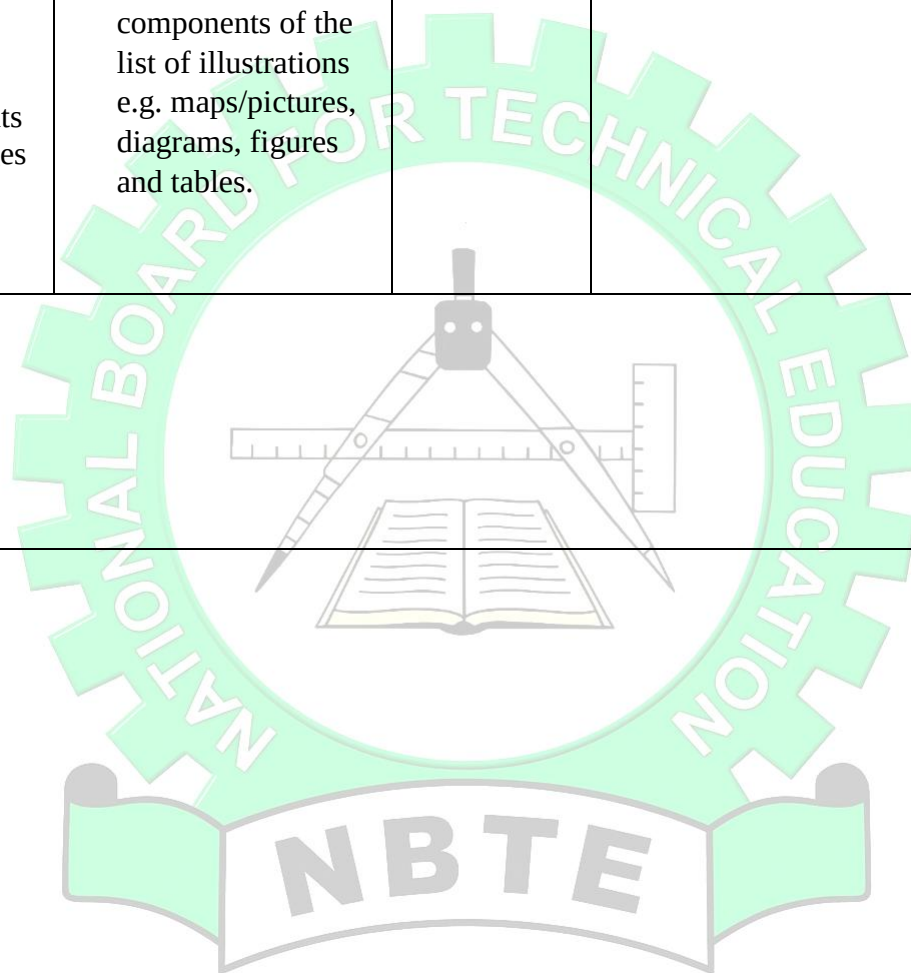
PROGRAMME: HIGHER NATIONAL DIPLOMA IN DENTAL NURSING						
COURSE TITLE: RESEARCH METHODOLOGY IN DENTAL NURSING			COURSE CODE: DNP 415		CONTACT HOURS: 3 HOURS/WEEK	
			CREDIT UNIT: 3		THEORETICAL: 1 HOUR/WEEK	
YEAR: II SEMESTER: I			PRE-REQUISITE:		PRACTICAL: 2 HOURS/WEEK	
COURSE SPECIFICATION: THEORETICAL AND PRACTICAL						
GOAL: The course is designed to provide the student with knowledge and skills required for data collection, presentation and interpretation as it relates to dental nursing						
GENERAL OBJECTIVE 1.0: Understand the meaning and scope of a digital library.						
THEORETICAL CONTENT				PRACTICAL CONTENT		
Week	Specific Learning Outcome	Teacher’s Activities	Resources	Specific Learning Outcome	Teacher’s Activities	Resources
1-2	1.1 Explain digital library as related to research. 1.2 Explain the role of a digital library in learning research. 1.3 Outline types of library stock.	- Discuss digital library, as related to research. - Discuss the role of digital library in learning and conducting research. - Explain types of library stock.	White marker board, Projector, Textbooks, Charts, Video clips, Journals, etc.	- Identify types of library stock. - Identify the different sections of a typical library. - Demonstrate the use of digital library.	Guide students to: - Identify types of library stock. - Identify the different sections of a typical library. - Demonstrate the use of digital library.	White marker board, Multimedia projector, Digital library materials, Audio visual aids.
General Objective 2.0: Understand how to use a digital library						
3-4	2.1 Explain book classification. 2.2 Explain the different types of classification scheme in the library. 2.3 Explain the different types of classification scheme in a library 2.4 Explain indexing and abstracting.	- Describe book classification. - Describe the different types of classification scheme in the library. - Discuss the different types of classification	White marker board, Projector, Textbooks, Charts, Video clips, Journals, etc.	- Identify types of serials. - Conduct simple research using digital library.	- Guide students to identify types of serials. - Conduct simple research using digital library.	Shelves, Work station, Books, Projector, Digital library access, Audio visual aid.

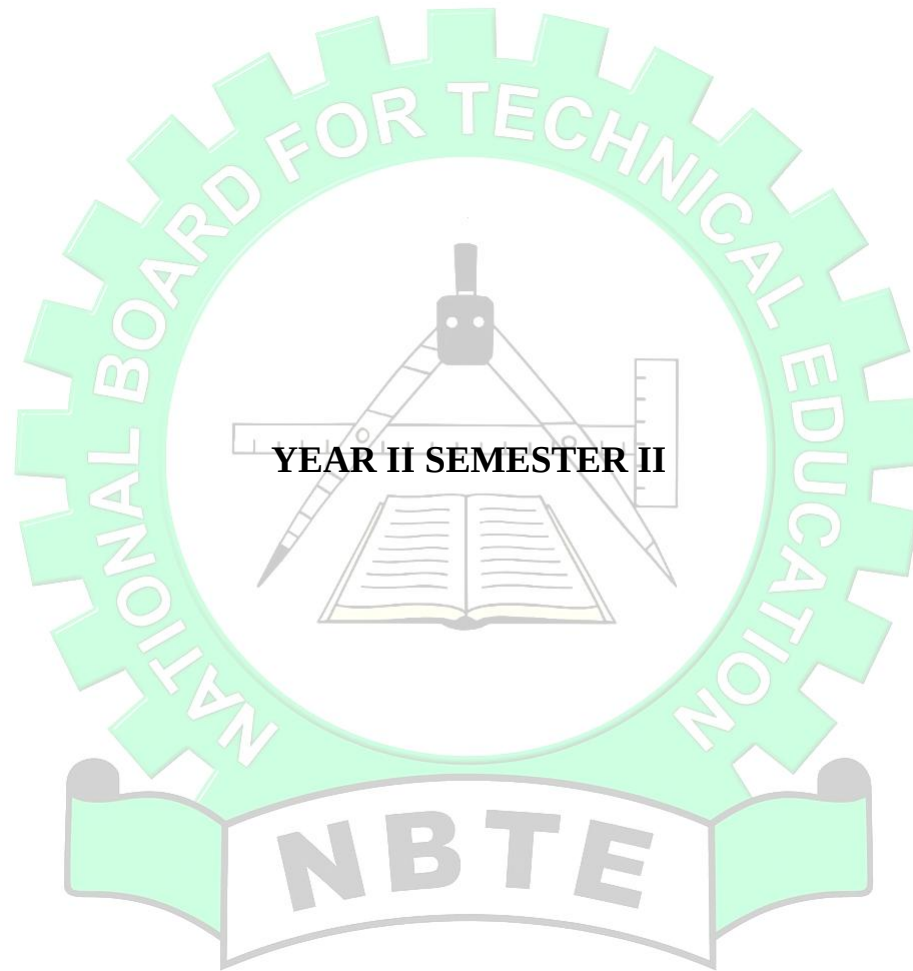
	2.5 Describe the use of card catalogues. 2.6 Explain back of book indexes. 2.7 Explain how the digital library is used in research.	scheme in a digital library. • Describe indexing and abstracting. • Describe the use of card catalogues. • Explain back of book indexes. • Describe how the digital library is used in research.				
General Objective 3.0: Know research and steps involve in carrying out research						
5	3.1 Explain research. 3.2 Outline steps involved in carrying out research. 3.3 Outline types of research.	• Discuss research. • Explain steps involved in carrying out research. • Explain the types of research.	White marker board, Projector, Textbooks, Charts, Video clips, Journals, etc.			
General Objective 4.0: Understand basic principles of probability						
6	4.1 Explain probability. 4.2 Explain basic principles of probability. 4.3 Outline types of probability in research.	• Discuss probability in research • Explain basic principles of probability • Discuss types of probability in research.	White marker board, Projector, Textbooks, Charts, Video clips, Journals, etc.			
General Objective 5.0: Understand the use and importance of some measures of central tendency and measures of dispersion in summarising data						

7	5.1 Explain central tendency. 5.2 Outline the importance of measures of central tendency. 5.3 Explain the following terms in research: mean, geometric mean, median, mode and harmonic mean.	- Discuss central tendency and its usage. - Explain the importance of measures of central tendency - Explain the following terms and their importance in research : mean, geometric mean, median, mode and harmonic mean.	White marker board, Projector, Textbooks, Charts, Video clips, Journals, etc.			
General Objective 6.0: Understand the methodologies applied in research						
8	6.1 Explain methodology in research. 6.2 Explain the two major types of sampling: i. Probability sampling e.g. random, systematic, stratified and clusters ii. Non-probability sampling, e.g. accidental, quotas and purposive. 6.3 Explain the uses of sampling in research.	- Discuss methodology in research. - Discuss the two major types of sampling techniques in research. - Discuss the use of sampling and its importance in research.	White marker board, Projector, Textbooks, Charts, Video clips, Journals, etc.			
General Objective 7.0: Understand the various methods of data collection						
9-12	7.1 Explain data. 7.2 Outline the types of data in research:	Discuss data and data collection in	White marker board,	Design questionnaires for research in Dental	Guide students to: Design	Sample questionnaire,

	i. Primary, and ii. Secondary data. 7.3 Explain the methods of collecting data e.g. observation, questionnaire, interview. 7.4 Describe how to design questionnaires for research. 7.5 Explain how to administer questionnaires and interview.	research. - Explain the types of data and its usage in research - Discuss methods of data collection e.g. observation, questionnaire, interview etc. - Discuss the steps involve in designing questionnaires for research.	Projector, Textbooks, Charts, Video clips, Journals, etc.	oral health nursing. Demonstrate how to administer questionnaires and interview.	questionnaires for research in Dental oral health nursing. Demonstrate how to administer questionnaires and interview.	Interview template, Charts, Video clips, Multimedia projector.
General Objective 8.0: Understand the various methods of processing data						
13	8.1 Explain organisation of data. 8.2 Explain methods used in grouping data. 8.3 Explain data tabulation and organization in research.	- Discuss data organisation and processing in research. - Discuss data grouping and its method. - Describe data tabulation and analysis in research.	White marker board, Projector, Textbooks, Charts, Video clips, Journals, etc.			
General Objective 9.0: Understand the presentation of research report						
14-15	9.1 Explain research report. 9.2 Explain the general format of a research report. 9.3 Explain preliminary pages e.g.	- Discuss the general format of a research report. - Describe the general format of a research report. - Discuss details of	White marker board, Projector, Textbooks, Charts, Video clips,			

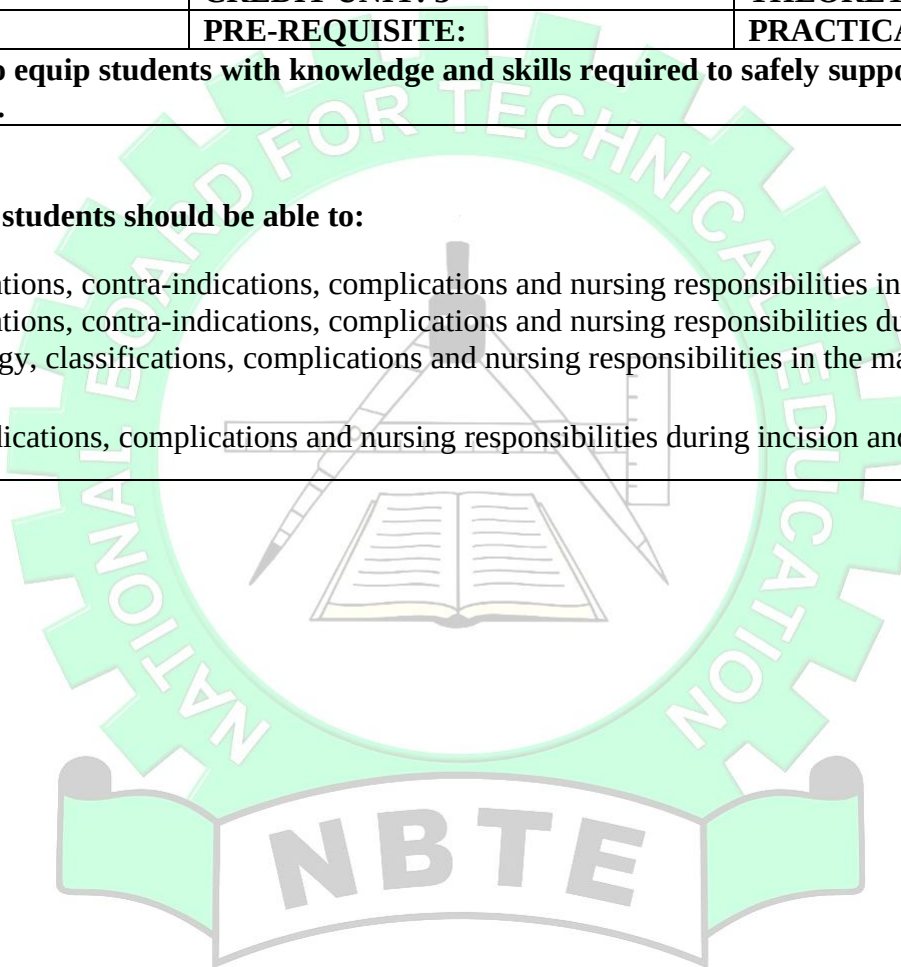
	i. Preface ii. Foreword iii. Approval page iv. Title page v. Dedication vi. Acknowledgement vii. Table of contents. 9.4 Explain the components of list illustrations pages e.g. maps/pictures, diagrams, figures and tables.	Preliminary pages. - Discuss details of illustrations pages. - Explain the components of the list of illustrations e.g. maps/pictures, diagrams, figures and tables.	Journals, etc.			
Course Assessment: Course work: 10% Test/Assignment: 10% Practical: 40% Examination: 40% Total: 100%						





ORAL AND MAXILLOFACIAL SURGERY II

PROGRAMME: HIGHER NATIONAL DIPLOMA IN DENTAL NURSING		
COURSE TITLE: ORAL AND MAXILLOFACIAL SURGERY II	COURSE CODE: DNP 421	CONTACT HOURS: 3 HOURS/WEEK
	CREDIT UNIT: 3	THEORETICAL: 1 HOUR/WEEK
YEAR: II SEMESTER: II	PRE-REQUISITE:	PRACTICAL: 2 HOURS/WEEK
GOAL: This course is designed to equip students with knowledge and skills required to safely supports patients undergoing oral and maxillofacial surgical procedures.		
GENERAL OBJECTIVES: On completion of this course, the students should be able to: 1.0 Understand the types, indications, contra-indications, complications and nursing responsibilities in dental extraction; 2.0 Understand the types, indications, contra-indications, complications and nursing responsibilities during biopsy; 3.0 Understand the types, etiology, classifications, complications and nursing responsibilities in the managements oral and maxillofacial fracture; 4.0 Understand the etiology, indications, complications and nursing responsibilities during incision and drainage.		



PROGRAMME: HIGHER NATIONAL DIPLOMA IN DENTAL NURSING						
COURSE TITLE: ORAL AND MAXILLOFACIAL SURGERY II			COURSE CODE: DNP 421		CONTACT HOURS: 3 HOURS/WEEK	
			CREDIT UNIT: 3		THEORETICAL: 1 HOUR/WEEK	
YEAR: II SEMESTER: II			PRE-REQUISITE:		PRACTICAL: 2 HOURS/WEEK	
COURSE SPECIFICATION: THEORETICAL AND PRACTICAL						
GOAL: This course is designed to equip students with knowledge and skills required to safely supports patients undergoing oral and maxillofacial surgical procedures.						
GENERAL OBJECTIVE 1.0: Understand types, Indications, Contra-indications, Complications and Nursing responsibilities in tooth extraction						
THEORETICAL CONTENT				PRACTICAL CONTENT		
Week	Specific Learning Outcome	Teacher’s Activities	Resources	Specific Learning Outcome	Teacher’s Activities	Resources
1-4	1.1 Describe tooth extraction. 1.2 Outline the types of tooth extractions. 1.3 Outline the indications for tooth extraction. 1.4 Itemize the contra-indications for tooth extractions. 1.5 Outline the complications of tooth extraction. 1.6 Outline the pre, intra and post Nursing responsibilities in tooth extraction.	• Explain tooth extraction • Discuss the types of tooth extractions: - Mobile extraction; - Simple extraction; - Difficult extraction; - Surgical extraction. • Explain indications for tooth extraction: - Dental caries (irreversible pulpitis); - Fractured tooth; - Grade 3 tooth mobility; - Retained deciduous; - Impacted tooth; - Orthodontics treatment. • Discuss the contra-indications for tooth extractions.	Whiteboard, Marker, Projectors, Textbook, Charts, Journals, etc.	• Identify the requirements for tooth extractions. • Demonstrate the Pre, intra and post Nursing responsibilities in tooth extraction.	Guide students to: • Identify the requirements for tooth extractions. • Demonstrate the Pre, intra and post Nursing responsibilities in tooth extraction.	Phantom head, Dental unit, Projectors, PPE, Extraction forceps, Examination set, Dental metal syringe, Dental needle, Local anesthetic agent.

		- Poorly controlled Hypertension; - Poorly controlled diabetes mellitus; - Hemophilia. • Explain the complications of tooth extraction. - Dry socket; - Nerve damage; - Bleeding; - Infections; - Supra-eruption of opposing. • Explain the Pre, intra and post Nursing responsibilities • During tooth extraction • Discuss the Pre, intra and post Nursing responsibilities in tooth extraction. - Physiological care; - Psychological care; - Post- operative care etc				
General Objective 2.0: Understand the types, indications, contra-indications, complications and nursing responsibilities during biopsy						
5-8	2.1 Explain Biopsy. 2.2 Outline the types of Biopsy. 2.3 Outline the indications for biopsy. 2.4 Itemize the contra-indications for Biopsy.	• Describe Biopsy • Discuss the types of biopsy. - Incisional Biopsy; - Excisional Biopsy - Punch Biopsy; - Fine Needle aspiration	Whiteboard, Marker, Projectors, Textbook, Charts, Journals, etc.	• Demonstrate pre, intra and post nursing responsibilities in biopsy: - Physiological care - Psychological care	• Guide students to demonstrate pre, intra and post nursing responsibilities in biopsy: - Physiological	Phantom head, Dental unit, Projectors, PPE, Extraction

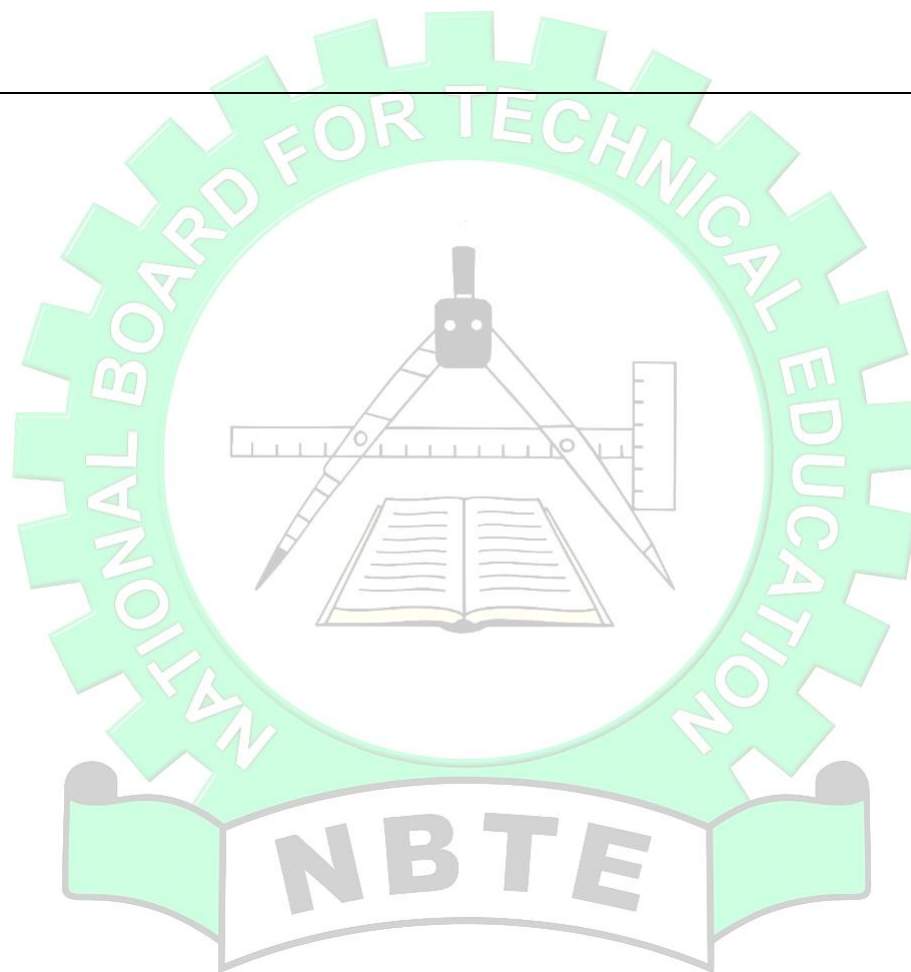
	2.5 Outline the complications of biopsy. 2.6 Outline the Pre, intra and post Nursing responsibilities in Biopsy.	cytology (FNAC). • Explain the indications for Biopsy: - tumor - Cyst. • Discuss the contra-indications for Biopsy - Bleeding diathesis - Lesion in area of difficult surgical access. • Explain the complications of Biopsy. - Hemorrhage - Damage to nearby tissues. • Discus the Pre, intra and post nursing responsibilities during biopsy discuss the pre, intra and post nursing responsibilities in biopsy. - Physiological care - Psychological care - Post- operative care etc.		Post- operative care. Post- operative care etc.	care. Psychological care. Post-operative care Post-operative care etc.	forceps, Examination set, Dental metal syringe, Dental needle, Local anesthetic agent.
General Objective 3.0: Understand the types, etiology, classifications, implications and nursing responsibilities in the management of oral and maxillofacial fracture						

9-12	3.1 Explain oral and maxillofacial fracture. 3.2 Outline the types of oral and maxillofacial fracture. 3.3 Outline the etiology of oral and maxillofacial fractures 3.4 Describe the classifications of oral and maxillofacial fractures. 3.5 Itemize the complications of oral and maxillofacial fractures. 3.6 Outline the management of oral and maxillofacial fracture. 3.7 Itemize the Pre, intra and post Nursing responsibilities in the management of oral and maxillofacial fractures.	• Describe oral and maxillofacial fracture • Explain the types of oral and maxillofacial fracture: - Dentoalveola fracture; - Mandibular fracture; - Zygomatic fracture; - Simple fracture; - Compound fracture; • Discuss the etiology of oral and maxillofacial fracture: - Road Traffic Accidents; - Assault; - Fall, etc. • Explain the classifications of oral and maxillofacial fractures. (Le fort I, II, III etc.) • Explain the complications of oral and maxillofacial fractures: - Mal-union maxillary nerve paresthesia or numbness; - Change in facial appearance etc. • Discuss the managements of oral and maxillofacial fractures: - Splinting;	Whiteboard, Marker, Projectors, Textbook, Charts, Journals, etc.	• Identify the locations of the fractures. • Identify the classifications of oral and maxillofacial fractures. • Demonstrate the Pre, intra and post Nursing responsibilities in the management of oral and maxillofacial fracture.	Guide students to: • Identify the locations of the fractures. • Identify the classifications of oral and maxillofacial fractures. • Demonstrate the Pre, intra and post Nursing responsibilities in the management of oral and maxillofacial fracture.	Phantom head, Dental unit, Projectors, PPE, Extraction forceps, Examination set, Dental metal syringe, Dental needle, Local anesthetic agent.
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		- Inter-maxillary fixation (I.M.F). • Explain the Pre, intra and post Nursing responsibilities in the management of oral and maxillofacial surgery: - Physiological care; - Psychological care; - Post- operative care etc.				
General Objective 4.0: Understand the Indications, complications and Nursing responsibilities of incision and drainage						
13-15	4.1 Explain incision and drainage. 4.2 Itemize the indications for incision and drainage. 4.3 Describe the complications of incision and drainage. 4.4 Itemize the Pre, intra and post Nursing responsibilities in incision and drainage.	• Describe Incision Drainage. • Discuss the indications of incision and Drainage. - Ludwig angina; - Dento-alveola. abscess. • Explain the complications of incision and drainage. - Trismus; - Incision scar. • Discuss the Pre, intra and post Nursing responsibilities during incision and drainage. - Physiological care; - Psychological care; - Post- operative care.	Whiteboard, Marker, Projectors, Textbook, Charts, Journals, etc.	• Demonstrate the Pre, intra and post Nursing responsibilities in incision and drainage.	• Guide the students on how to Demonstrate the Pre, intra and post responsibilities in incision and drainage.	Phantom head, Dental unit, Projectors, PPE, Extraction forceps, Examination set, Dental metal syringe, Dental needle, Local anesthetic agent.

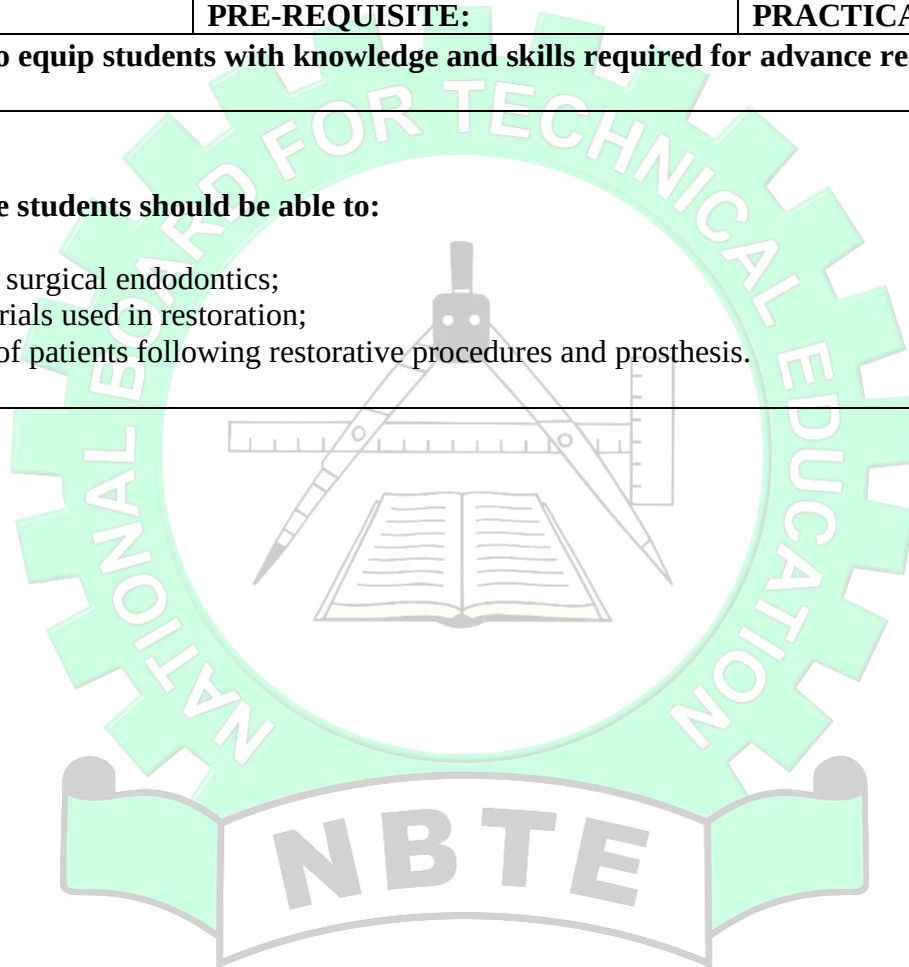
Course Assessment:

Course work:	10%
Test/Assignment:	10%
Practical:	40%
Examination:	40%
Total:	100%



RESTORATION AND PROSTHODONTICS II

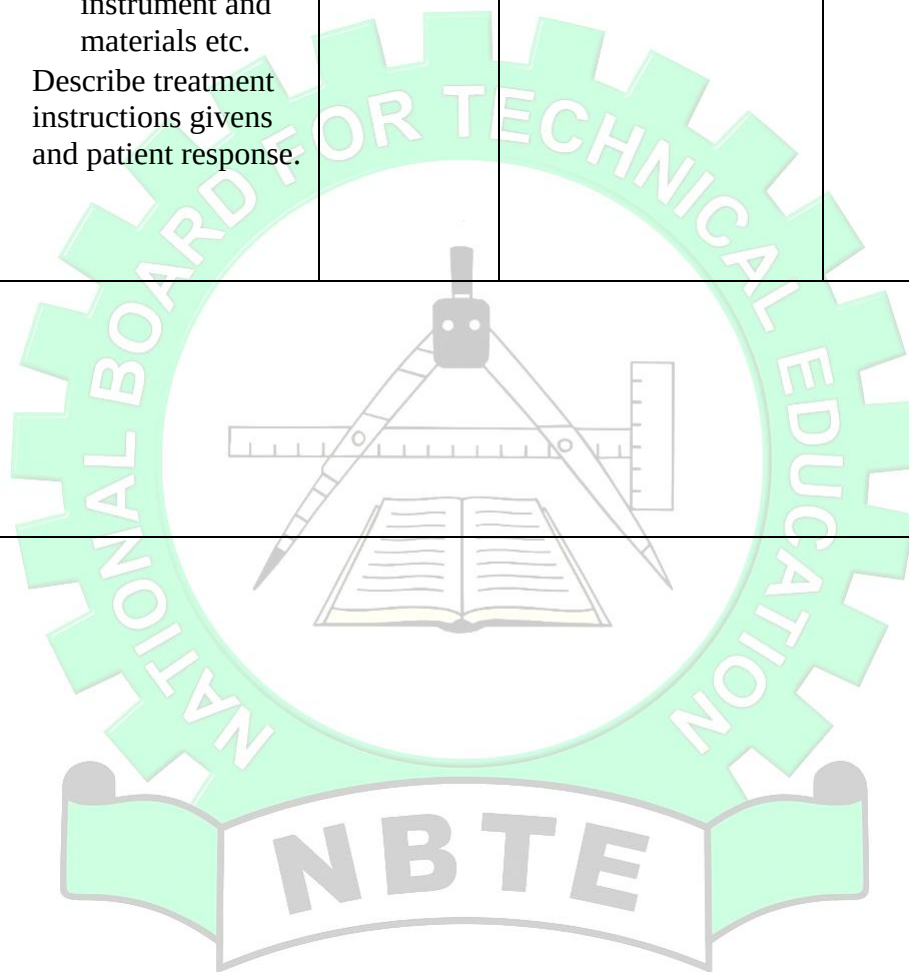
PROGRAMME: HIGHER NATIONAL DIPLOMA IN DENTAL NURSING		
COURSE TITLE: RESTORATION AND PROSTHODONTICS II	COURSE CODE: DNP 422	CONTACT HOURS: 3 HOURS/WEEK
	CREDIT UNIT: 3	THEORETICAL: 1 HOUR/WEEK
YEAR: II SEMESTER: II	PRE-REQUISITE:	PRACTICAL: 2 HOURS/WEEK
GOAL: This course is designed to equip students with knowledge and skills required for advance restorative, prosthodontics and endodontics oral health		
GENERAL OBJECTIVES: On completion of the course, the students should be able to: 1.0 Understand the procedures of surgical endodontics; 2.0 Know permanent filling materials used in restoration; 3.0 Understand the management of patients following restorative procedures and prosthesis.		



PROGRAMME: HIGHER NATIONAL DIPLOMA IN DENTAL NURSING						
COURSE TITLE: RESTORATION AND PROSTHODONTICS II			COURSE CODE: DNP 422		CONTACT HOURS: 3 HOURS/WEEK	
			CREDIT UNIT: 3		THEORETICAL: 1 HOUR/WEEK	
YEAR: II SEMESTER: II			PRE-REQUISITE:		PRACTICAL: 2 HOURS/WEEK	
COURSE SPECIFICATION: THEORETICAL AND PRACTICAL						
GOAL: This course is designed to equip students with knowledge and skills required for advance restorative, prosthodontics and endodontics oral health						
GENERAL OBJECTIVE 1.0: Understand the procedures of surgical endodontics						
THEORETICAL CONTENT				PRACTICAL CONTENT		
Week	Specific Learning Outcome	Teacher’s Activities	Resources	Specific Learning Outcome	Teacher’s Activities	Resources
1-4	1.1 Define surgical endodontics. 1.2 Explain the following surgical prosthetics: i. Apicectomy; ii. Apexification, 1.3 Explain Root canal therapy: i. First visit; ii. Second visit; iii. Last Visit/Obturation.	- Discuss surgical endodontics - Discuss the following surgical prosthetics: - Apicectomy; - Apexification, etc. - Discuss Root canal therapy in: - First visit; - Second visit; - Last Visit/Obturation.	Whiteboard and marker, Journals, Textbooks, Multimedia projector, etc.	- Identify the materials used in root canal therapy. - Demonstrate the process of surgical endodontics.	Guide students to: - Identify the materials used in root canal therapy. - Demonstrate the process of surgical endodontics.	Phantom head, Paper points, Gutter patcher, Cotton roll, Gauze, Calcium hydroxide.
General Objective 2.0: Know permanent filling materials used in restoration						
5-9	2.1 Explain tooth filling. 2.2 Outline materials and instruments used in permanent	- Define tooth filling. - Describe types of permanent filling materials: - Composite;	Whiteboard and marker, Journals, Textbooks, Multimedia	- Identify types of permanent filling material. - Identify instruments and	Guide students to: - Identify types of permanent filling material. - Identify instruments	Phantom head, PPE, Gauze, charts, Video clips, Multimedia

	filling. i. Examination set; ii. Spoon Excavator; iii. Condenser; iv. Gauze; v. Cotton rolls. 2.3 Outline types of permanent filling materials: i. Composite; ii. Glass ionormal cement (G.I.C).	- Glass ionormal cement (G.I.C) etc. - Outline materials and instruments used in permanent filling: - Examination set; - Spoon Excavator; - Condenser; - Gauze; - Cotton rolls, etc.	projector, etc.	materials used in permanent filling. • Demonstrate the process of tooth filling.	and materials used in permanent filling • Demonstrate the process of tooth filling.	projector, Disinfectants.
General Objective 3.0: Understand nursing management of patients in restorative procedures and prosthesis.						
10-15	3.1 Explain nursing management of patients in restorative procedures. i. Patient assessment; ii. Patient preparation; iii. Infection prevention and control; iv. Assistance during treatment. 3.1 Discuss Nursing Management of Patients with prostheses.	• Discuss nursing management of patients in restorative procedures: - Patient assessment; - Patient preparation; - Infection prevention and control; - Assistance during treatment. • Discuss nursing management of patients with prostheses. - Assess patient oral condition;	Whiteboard and marker Journals Textbooks Multimedia projector	• Identify instrument and materials for prostheses. • Demonstrate Management of patients in restorative dentistry. • Document treatments and instructions given to patients. • Document patient response.	• Guide students to: • Identify instrument and materials for prostheses. • Demonstrate Management of patients in restorative dentistry. • Document treatments and instructions given to patients. • Document patient response.	Phantom head, PPE, Instrument tray, Books, Pen, Meter rule.

	i. Assess patient oral condition; ii. Explain the prostheses procedure; iii. Prepare instrument and materials.	- Explain the prostheses procedure; - Prepare instrument and materials etc. • Describe treatment instructions given and patient response.				
	3.2 Explain treatment instructions given and patient response.					
Course Assessment: Course work: 10% Test/Assignment: 10% Practical: 40% Examination: 40% Total: 100%						



EAR, NOSE AND THROAT

PROGRAMME: HIGHER NATIONAL DIPLOMA IN DENTAL NURSING

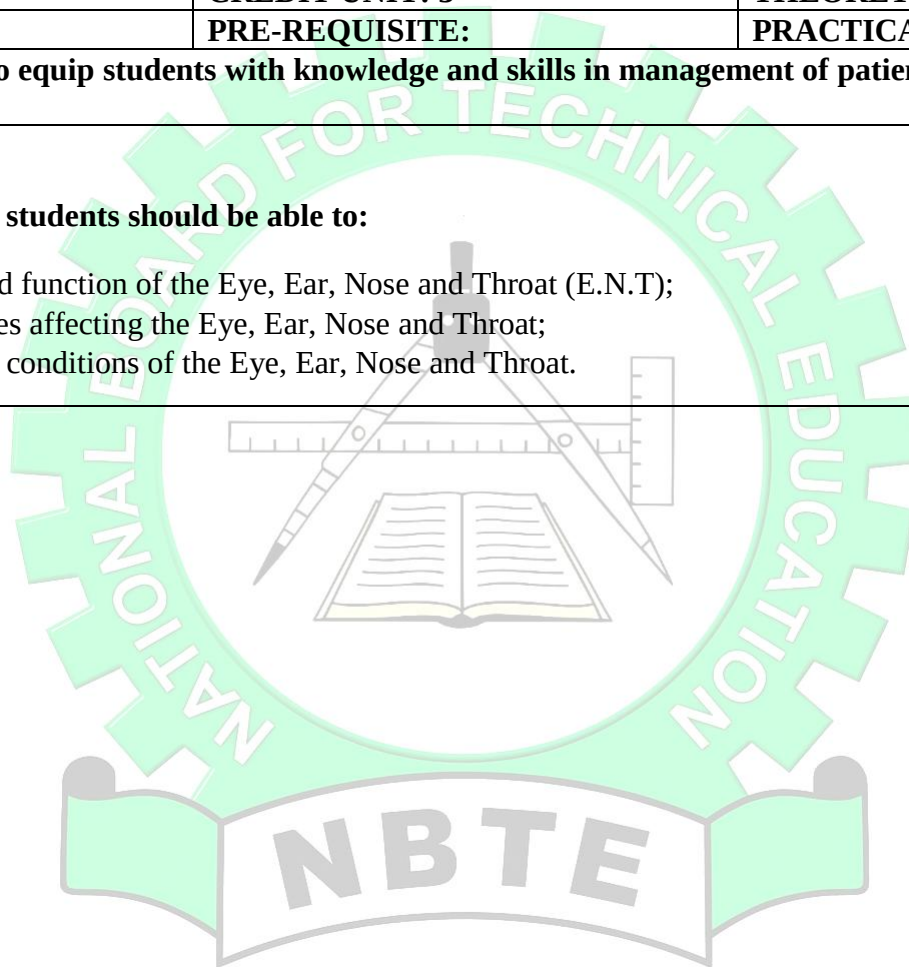
COURSE TITLE: EAR, NOSE AND THROAT	COURSE CODE: DNP 426	CONTACT HOURS: 3 HOURS/WEEK
	CREDIT UNIT: 3	THEORETICAL: 1 HOUR/WEEK
YEAR: II SEMESTER: 11	PRE-REQUISITE:	PRACTICAL: 2 HOURS/WEEK

GOAL: This course is designed to equip students with knowledge and skills in management of patients with cases related to eye, ear, nose and throat.

GENERAL OBJECTIVES:

On completion of this course, the students should be able to:

- 1.0 Understand the structure and function of the Eye, Ear, Nose and Throat (E.N.T);
- 2.0 Understand the abnormalities affecting the Eye, Ear, Nose and Throat;
- 3.0 Understand management of conditions of the Eye, Ear, Nose and Throat.



PROGRAMME: HIGHER NATIONAL DIPLOMA IN DENTAL NURSING						
COURSE TITLE: EAR, NOSE AND THROAT			COURSE CODE: DNP 426		CONTACT HOURS: 3 HOURS/WEEK	
			CREDIT UNIT: 3		THEORETICAL: 1 HOUR/WEEK	
YEAR: II SEMESTER: II			PRE-REQUISITE:		PRACTICAL: 2 HOURS/WEEK	
COURSE SPECIFICATION: THEORETICAL AND PRACTICAL						
GOAL: This course is designed to equip students with knowledge and skills in management of patients with cases related to eye, ear, nose and throat.						
GENERAL OBJECTIVE 1.0: Describe the structure and functions of the Eye, Ear Nose and Throat.						
THEORETICAL CONTENT				PRACTICAL CONTENT		
Week	Specific Learning Outcome	Teacher’s Activities	Resources	Specific Learning Outcome	Teacher’s Activities	Resources
1-4	1.1 Describe the Structure of the Eye. 1.2 Describe the physiology of sight. 1.3 Outline the functions of the eye. 1.4 Describe the blood and nerves supply to the eye. 1.5 Describe the structure of the ear. 1.6 Describe the physiology of hearing. 1.7 Outline the functions of the ear. 1.8 Describe the blood and nerves supply to the ear. 1.9 Describe the structure of the nose. 1.10 Describe the physiology of sense of smell.	• Discuss the structure of the eye. • Explain the physiology of sight. • Discuss the functions of the eye. • Discuss the nerve supply to the eye. • Explain the structure of the ear. • Discuss the physiology of hearing • Explain the functions of the ear. • Discuss the blood and nerves supply to the ear. • Explain the structure of the nose.	Whiteboard, Marker, Journals, Textbooks, Charts, Models, Projector, etc.	• Draw a well labelled cross-section of an eye. • Draw a well labelled cross-section of an ear. • Draw a well labelled cross-section of the nose. • Draw a well labelled cross-section of the throat.	Guide students to: • Draw a well labelled cross-section of an eye. • Draw a well labelled cross-section of an ear. • Draw a well labelled cross-section of the nose. • Draw a well labelled cross-section of the throat.	Models, Charts, Video clips, Drawing set, Multimedia projector.

	1.11 Outline the functions of the nose. 1.12 Describe the blood and nerve supply to the nose. 1.13 Describe the structure of the throat. 1.14 Outline the functions of the throat. 1.15 Describe the blood supply to the throat.	• Discuss the physiology of the sense of smell • Explain the functions of the nose • Discuss the blood and nerve supply to the nose. • Explain the structure of the throat. • Discuss the functions of the throat • Discuss the blood supply to the throat				
General Objective 2.0: Understand the abnormalities affecting the Eye, Ear, Nose and Throat.						
5-9	2.1 Outline the abnormalities of the Eye. 2.2 Outline the abnormalities of the Ear: i. Tinnitus (ringing sound in the ear); ii. Vertigo and dizziness; iii. Perforated eardrum. 2.3 Outline abnormalities of the Nose. 2.4 Outline abnormalities of the Throat.	• Explain the abnormalities of the Eye, (cataract, glaucoma) • Explain the abnormalities of the Ear: - Tinnitus (ringing sound in the ear); - Vertigo and dizziness; - Perforated eardrum etc. • Discuss abnormalities of the Nose. - Post Nasal Drip (Sinusitis); - Rhinitis; - Nasal polyps.	Whiteboard, Marker, Journals, Textbooks, Charts, Models, Projector, etc.	• Identify the abnormalities of the Eye. • Identify the abnormalities of the Ear. • Identify the abnormalities of the Nose. • Identify the abnormalities of the Throat.	Guide the students to: • Identify the abnormalities of the Eye • Identify the abnormalities of the Ear. • Identify the abnormalities of the Nose. • Identify the abnormalities of the Throat.	Whiteboard Charts, Video clips, Multimedia projector, Models.

		• Explain the Abnormalities of the Throat: - Tonsillitis; - Pharyngitis etc.				
General Objective 3.0: Understand the management of conditions of the Eye, Ear, Nose and Throat						
10-15	3.1 Describe the management of the abnormalities of the eye. 3.2 Describe the management of the abnormalities of the ear. 3.3 Describe the management of the abnormalities of the nose. 3.4 Describe the management of the abnormalities of the throat.	• Discuss the management of the abnormalities of the eye. • Discuss the management of the abnormalities of the ear. • Explain the management of the abnormalities of the nose. • Explain the management of the abnormalities of the throat.	Whiteboard, Marker, Journals, Textbooks, Charts, Models, Projector, etc.	• Demonstrate the management of the abnormalities of the eye. • Demonstrate the management of the abnormalities of the ear. • Demonstrate the management of the abnormalities of the nose. • Demonstrate the management of the abnormalities of the throat.	Guide students to: • Demonstrate the management of the abnormalities of the eye • Demonstrate the management of the abnormalities of the ear. • Demonstrate the management of the abnormalities of the nose. • Demonstrate the management of the abnormalities of the throat.	Whiteboard Models, Charts, Video clips, Multimedia projector.
Course Assessment: Course work: 10% Test/Assignment: 10% Practical: 40% Examination: 40% Total: 100%						

LIST OF MINIMUM RESOURCES/PHYSICAL FACILITIES

A. DENTAL NURSING DEMONSTRATION ROOM

S/N	DESCRIPTION OF ITEMS/EQUIPMENT	QUANTITY REQUIRED
1.	Phantom Head	5
2.	Dental Models	20
3.	Trolley	2
4.	Dental Units	2
5.	Complete Instruments Kits (OMF Set, Restorative Set, Forceps, Elevator, Conservative Set, Examinations Set, Dental Syringe)	10 each
6.	Dental Patient Trays (Small, Medium And Large)	20 each
7.	Impression Tray (Perforated and Non-perforated)	10 sets
8.	Dental X-Ray Machine	2
9.	Led Apron	4
10.	X-Ray Processing Machine	2
11.	X-Ray Hanger	6
12.	Developer & Fixer Powder	2 each
13.	Impression Materials	2 each
14.	Impression Mixing Bowl	10
15.	Alginate Mixing Spatula	10
16.	Tooth Brush (Soft and Medium)	Assorted
17.	Glass Mixing Slab	10
18.	Model Brush	10
19.	Fluoride Tooth Paste	2
20.	Sterile Gauze	2 rolls
21.	Cotton Wool	2 rolls
22.	Dental Floss	2 packs
23.	Mouth Wash	1 bottle
24.	Cement Mixing Spatula	10
25.	Matrix Band & Retainer	10 each
26.	Amalgamator	5
27.	Fast Hand Piece	5

28.	Slow Hand Piece	5
29.	Contra-Angle Hand Piece	5
30.	Ultra-Sonic Scaling Machine	5
31.	Curing Light	5
32.	Composite Kits (Light and Chemical Cure)	1 pack each
33.	Amalgam Capsule	1 pack
34.	Temporary Filling Materials	1 each
35.	G.I.C (Restorative & Luting)	1 each
36.	Sets of Burs, Surgical Burs	1 pack each
37.	R.C.T Kits (Endo)	1 each
38.	Bonding Agents & Etchants	1 each
39.	Crown Removal	5
40.	Temporary Crown Form	1 pack each
41.	Sets of Paedodontics Instruments	1
42.	Sets of Orthodontic Instrument	1
43.	Articulating Paper	1
44.	Stock Teeth	4
45.	Dental Stone	1 Kg
46.	P.O.P (Plaster Of Paris)	1 Kg
47.	X-Ray Films (Periapical, Occlusal, Bitewing & Self Developing)	1 each
48.	Scaling And Polishing Sets of Instruments	1 pack
49.	Stainless Steel Wire	0.5mm
50.	Stadiometer	2
51.	Blood Pressure Apparatus (Sphygmomanometer)	10
52.	Glucometer	5
53.	Thermometer	5
54.	Packets Of Gloves & Facemask	5 each
55.	Face Shield	5
56.	Patients Beep	10
57.	Dental Charts	Assorted
58.	Suction Machine (Manual and Electrical)	1 each
59.	Calcium Hydroxide – Non-Setting, Dycal- Setting	1 pack each
60.	Surgical Blade & Blade Holder	1 each (different size)
61.	Mallet & Chisel	1 each

62.	Scissors	5
63.	Cheek Retractor	1 each
64.	Periosteal Elevator	5
65.	Suction Tips	1 pack
66.	Dental Needle/Syringe	27 & 30g (1 pack each)
67.	Compressor	1
68.	Suture Materials (Varieties)	1 each
69.	Projector & Screen	1
70.	White Board & Markers	1 each
71.	Mannequin (Male and Female)	1 each
72.	Baby Natalia	1
73.	Bed	2
74.	Couches	1
75.	Refrigerator	1
76.	Autoclaves (Stream Sterilizer)	1
77.	Disinfectants	4 litres
78.	Meter Rule	2
79.	Pulp Vitality tester	1
80.	Specimen Bottle	5
81.	Gutter Petcher	5 packs
82.	Paper Points	5 packs
83.	Pain Assessment Tool	2
84.	Local Aesthetic Agents (Cartridge)	1 pack
85.	Multimedia Projector	1
86.	Flip Chart	1
87.	Food Models	Assorted
88.	Pot and Cooker	1 each
89.	Shade Guide	2 packs
90.	Tongue Depressor	1 pack
91.	Tongue Scraper	5
92.	Fluoride Gel	2 bottles
93.	Darkroom and Accessories	1
94.	Pharmacovigilance form	2
95.	Disposable Cups	2 Dozen

96.	Institutional oral chemotherapy policies and standard operating procedures	3
97.	Treatment protocols and medicine information leaflets	2
98.	Drug reference resources	3
99.	Medicine labels	4
100.	Patient information leaflets	2
101.	Charts showing the cell cycle and mechanisms of anticancer medicines	4
102.	Case studies involving drug interactions and adverse effects	2
103.	Videos or demonstrations on cytotoxic medicine handling	3
104.	Laboratory results and mock patient medication records	2
105.	Treatment protocols and medicine information leaflets	3
106.	Drug reference resources	3
107.	Medicine labels	9
108.	Patient information leaflets	3
109.	Sample prescription charts	3
110.	Treatment calendars and medication diaries	3
111.	Adherence assessment tools	6
112.	Symptom-monitoring forms	5
113.	Simulated prescription charts and medication administration records	3
114.	Telephone triage guidelines and referral protocols	3
115.	Renal function and liver function results	3
116.	Demonstration medicines or labelled medicine containers	15
117.	Oral syringes	10
118.	Disposal bags	10
119.	Role-play scripts for patient counselling	3
120.	Clinical skills laboratory or oncology outpatient setting	3
121.	Institutional emergency and escalation guidelines	3
122.	Oral chemotherapy education booklets	3

B. AUDIO VISUAL STUDIO

S/N	DESCRIPTION OF ITEMS/EQUIPMENT	QUANTITY REQUIRED
1.	Video Player/Recorder (VCD/DVD/VHS)	1 each
2.	Projectors (Film/Overhead/slide/LCD/Power Point)	1 each
3.	Magnetic & Flipcharts Boards	1 each
4.	Public Address System	1
5.	Television Set	1
6.	Camera (Still/Video/Camcorder)	1 each
7.	Audio Recorders (Tape / Disk)	1 each
8.	Photography: - Developer Computer - Colored Printer	1 each
9.	Headset	10
10.	Scanner	1
11.	Microphones	5
12.	Flip Charts	1
13.	Communication materials	Assorted
14.	Epidemiological survey forms/ other documents	Assorted
15.	Headset	10
16.	Telemedicine guidelines.	Assorted
17.	Telemedicine platform,	1

LIST OF WORKSHOP PARTICIPANTS (REVIEW)

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1.	Dr. Boniface Onumadu	Federal College of Dental Technology and Therapy, Enugu, Enugu State.	onumaduanayoboniface@gmail.com
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