

BANGLADESH NURSING COUNCIL

DHAKA



**REQUIREMENTS AND SYLLABUS FOR THE TRAINING OF NURSES
RULES RELATING TO THE RECOGNITION OF TRAINING
INSTITUTIONS AND THE EXAMINATION OF NURSES**

**RULES FOR RECOGNITION OF THE INSTITUTION
RULES FOR EXAMINATION BY BANGLADESH NURSING COUNCIL
SYLLABUS OF SENIOR REGISTERED NURSE (SRN) TRAINING**

**Minimum Requirements for Recognition of a Nurses Training Centre/Institute
for the SRN Course in General Nursing and Midwifery**

I. Rules for Recognition

A. Training

An Institution applying for recognition as a Nurses' Training Centre (NTC) to train basic nurses must satisfy to the Council that it provides training in nursing in accordance with the Syllabus of Training laid down by the Bangladesh Nursing Council from time to time and meets the following criteria.

B. Inspection

An Institution applying for recognition should be inspected by two or three persons appointed by the Council. Institutions should be liable for periodic reinspection at intervals of not greater than 5 years.

C. Periodical Returns

Every institution recognised as a training centre by the Council should submit to the Council yearly returns.

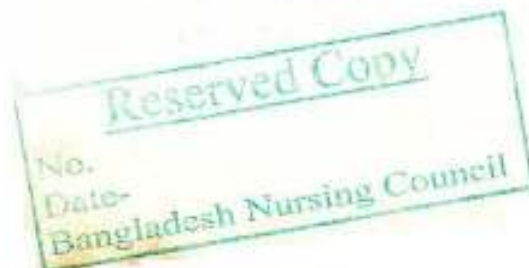
II. Administration of the NTC

A. Head of Institution

The administrative head should be the Principal/Sister Tutor In-Charge whose responsibilities should include planning, organising, directing, supervising, and coordinating the nursing educational programme in the NTC. The NTC administrative head is locally responsible to Director/Superintendent of the hospital and ultimately to the Director of Nursing Services.

B. Budget

Each NTC should have a separate budget and the Principal/Sister Tutor In-Charge should be the drawing and disbursing officer and should plan for managing the funds in the different components as per GOB rules and as deemed necessary for running an educational institution.



C. Records

The following records should be maintained by the Principal/Sister Tutor In-Charge :

1. Admission Book which should contain all information on student admission, progression and graduation (or termination)
2. Leave Book
3. Study Day Class Attendance Record
4. Clinical Practice Attendance Record
5. Internal Exams Results
6. BNC Exams Results
7. Student Personal File
8. Stock Ledgers (furniture, crockeries, equipment, books, etc.)
9. Book Lending Record

D. Student Health Services

The following health services should be arranged for students :

1. Annual medical examination
2. Vaccination against prevalent communicable diseases as considered necessary
3. Free medical care during certified illness
4. Complete individual health record
5. Separate unit/bed in the hospital for sick students along with an improved diet.

III. Teaching Staff

A. Number

1. The ratio of teaching staff to students should be 1 Sister Tutor for 25 students for theoretical classes and 1 Sister Tutor for 15 students for clinical instruction/supervision. The actual numbers should be as follows :
 - a. A NTC attached to a Medical College Hospital with enrollment of 200 students (annual intake of 50 students)
Principal — 1 (one)
Sister Tutors — 8 (eight)
Clinical Instructors — 13 (thirteen)
 - b. A NTC attached to a District Hospital with enrollment of 80-100 students (annual intake of 20-25 students)
Sister Tutor In-Charge — 1 (one)
Sister Tutors — 3 (three)
Clinical Instructors — 6 (six)

2. For every additional 25 students, 1 Sister Tutor should be added for theoretical classes and 1 Sister Tutor for clinical instruction.
3. Guest Lecturers may be arranged provided they are qualified in the subjects they teach.

B. Qualifications

The qualifications of nursing and other teaching staff of the NTCs should be in accordance with GOB recruitment rules. Specific qualification preferences are as follows:

1. Principal — Master's Degree in Nursing (or Nursing Education) with a minimum of 5 years of teaching experience and 3 years of clinical experience or in Nursing or Public Health (Basic or Post Basic) with 8 years of teaching experience and 3 years of clinical experience or Diploma in Teaching and Administration with 10 years of teaching experience and 5 years of clinical experience.
2. Sister Tutor In-Charge—B. Sc. in Nursing or Public Health Nursing (Basic or Post-Basic) with 3 years of teaching experience and 3 years of clinical experience or Diploma in Teaching and Administration with 5 years of teaching experience and 3 years of clinical experience.
3. Sister Tutor — B. Sc. in Nursing or Public Health Nursing (Basic or Post Basic) with 3 years of clinical experience or Diploma in Teaching & Administration with 5 years of clinical experience.
4. Clinical Instructor — Diploma in Teaching or a post basic course (1 year or longer) in a specialised subject with 5 years of clinical experience. Preference shall be given to candidates with B. Sc. in Nursing or Public Health Nursing (Basic or Post Basic).
5. The nursing teaching staff should include at least 1 (one) Sister Tutor who is prepared in Public Health Nursing.
6. Guest Lecturer — Specialised and experienced in the subject matter, Teaching experience preferred.

IV. Additional Staff

A. Number

The number of administrative, clerical and maintenance staff should be in accordance with the Government sanctioned posts allocated for each NTC. The actual numbers should be as follows :

1. Housekeeper — 1 (one)
2. U. D. Asst — 1 (one)
3. L. D. Cum Typist — 1 (one)



4. Cashier — 1 (one)
5. Driver—1 (one)
6. Daftary — 1 (one)
7. Cook — 2 (two)
8. Mashalchi — 2 (two)
9. Table boy — 2 (two)
10. Darwan — 3 (three)
11. Sweeper — 3 (three)
12. MLSS — 4 (four)
13. Librarian—1 (one)
14. Storekeeper — 1 (one)

V. Physical Facilities of NTC

A. Academic Facilities

The NTC should have a separate building (*) with the following minimum academic facilities :

1. Classrooms — There should be at least 4 Lecture rooms in NTCs attached to Medical College Hospitals and 2 Lecture rooms in NTCs attached to District Hospitals. Each Lecture room should have a seating capacity to accommodate the annual intake of students per class. The rooms should be well ventilated and properly lighted and should have built in/portable blackboards.
2. Laboratories — There should be at least 2 Demonstration rooms in NTCs attached to Medical College Hospitals and 1 Demonstration room in NTCs attached to District Hospitals for nursing practice. Each Demonstration room should be large enough to accommodate 1 bed per 10 students in a class and should be properly equipped with hand washing facilities and necessary supplies and equipment for clinical teaching/practice.
3. Library—There should be 1 room for storage and use of textbooks and reference materials. It should be large enough to seat 1/3 of the total numbers of students enrolled and staff, have comfortable seating arrangements, be well lighted, and have sufficient number of up-to-date books and journals.
4. Offices — There should be 1 office with attached toilet for the Principal/Sister Tutor In-Charge, a sufficient number of other offices with attached toilets, each to be shared by 2 Sister Tutors, and a separate office(s) for the administrative/clerical staff.
5. Store Room—There should be 1 room for storing office supplies and 1 room for storing teaching equipment and materials.

6. Other — Adequate provisions should be made for toilets and drinking water in the academic side of all NTCs, an exam hall/auditorium in NTCs attached to Medical College NTCs, and a room designated for conferences and meetings in all NTCs.

B. Hostel Facilities

The NTC should provide minimum hostel facilities as follows :

1. Bedrooms — There should be sufficient number of bedrooms in which no more than 4 students are accommodated. Each room should be well-ventilated and well lighted. The furniture should include separate sleeping, study/seating and storage provisions for each student such as bed cot, dressing table, desk and chair per 2 students, and a wall mirror.
2. Bathing and Toilet facilities—There should be a sufficient number of toilets and bathrooms on each floor so that there is 1 toilet and one bath per 4 students and separate wash basins.
3. Dining Room — There should be at least 1 dining room, which is large enough and with a table/seating capacity to accommodate 1/2 of the total students at one time. Hand washing facilities should be provided near-by.
4. Kitchen — There should be at least 1 kitchen which is well-ventilated and well-lighted and equipped with washing, cooling, and storage facilities,
5. Visitor's Room — There should be at least 1 room with comfortable seating arrangements and toilet facilities where students can entertain their visitors.
6. Common Room — There should be at least 1 room for recreational uses, meetings, and general purposes.
7. There should be 2 guest rooms with attached bathrooms and toilets to accommodate official visitors.
8. There should be facilities for indoor recreational activities in the common room and outdoor recreational activities in the NTC compound.

C. Minimum Accommodation

The NTC should provide the minimum accommodation for students, nursing teaching staff, and housekeeper as follows :

1. Student — total hostel space amounting to 180 sft. per student,
2. Principal — 1 separate quarter of 1,000 sft.
3. Sister Tutor — 1 separate quarter of 800 sft. for each.
4. Housekeeper—1 separate quarter of 600 sft.

D. Other Facilities

1. The NTC should have a vehicle(s) and garage for storage.
2. The NTC building (s) should be surrounded by a high boundary wall with a locking gate and all open passageways should be protected by adequate grill-work to ensure security of students and staff.

VI. Clinical Facilities

A. Hospital

1. **Size**—There should be a minimum of 100 beds to provide adequate clinical learning experiences as specified in the SRN syllabus for the students in the NTC. The average daily bed occupancy rate should be not less than 80.
2. **Types of patient services**—There should be adequate services so that the hospital has a variety of patients of all age groups at different stages of illness in all clinical areas to provide students with appropriate clinical learning experiences. These services should include inpatient beds for medical, surgical, paediatric, gynaecology, maternity, Eye, and ENT patients; operation theatre and out door department for MCH & FP, paediatric and medical-surgical patients. There should be adequate toilets, sitting and dining space and bedside furniture for the patients.
3. **Number of Nursing Staff**—The number of nursing staff required will vary depending on the types of patient services provided. The actual numbers are based on ratios of nurses to hospital beds to cover all three shifts as follows:
 - a. 1 Senior Staff Nurse : 4 general beds
 - b. 1 Senior Staff Nurse : 2 specialty beds
 - c. 2 Senior Staff Nurse : each O. T. room
 - d. 1 Senior staff Nurse : each Outpatient Department
 - e. 1 Supervising Sister : 2 hospital wards
 - f. 1 Matron (Sr) Matron (Jr) or Sister In-Charge of the Hospital
4. **Qualifications of Nursing Staff** should be in accordance with GOB recruitment rules.
5. There should be adequate office space, a nurse's duty room and utility room, toilets and security provisions for nurses and students.
6. **Equipment, instruments and supplies** should be adequate to provide the requisite practical training in accordance with the prescribed syllabus.

B. Community

1. **Facilities**—Near-by community services should be selected according to their capacity to provide community oriented learning experiences as outlined in the SRN curriculum. Where no such services exist, field practice areas may be developed in the Outpatient Department of Upazila Health Complexes.
2. **Transport**—the NTC vehicle should be used to transport the students to and from the community/field experiences.
3. **Accommodation**—If extended stay is required, adequate, safe accommodations for students and Sister Tutor (s) should be arranged.

C. Affiliation Arrangements

When all required clinical experiences can not be provided in the parent NTC and hospital complex and near-by community settings, the NTC should arrange to affiliate with another institution. A formal arrangement should be made which clearly indicates the purpose, expected activities, and responsibilities of the affiliation.

D. Community Experiences

The preferred arrangements for community-oriented learning experiences is for groups of students (10-15 at a time) to spend periodic blocks of 3-4 weeks in community settings rather than single day field trips.

RULES FOR EXAMINATION BY THE NURSING COUNCIL

I. Scheme of BNC Examinations

A. Number

1. **PTS**—An examination should be held at the end of the 12-week Preliminary Training School (PTS) period. This exam should be prepared by the BNC and administered and graded locally.
2. **Year-End** - The BNC should conduct annually at the end of each year of study an examination consisting of written, oral and practical parts covering the subjects taught in the year. Each year - end examination should be given after the completion of 11 months of training (excluding one month annual leave).
3. **Supplementary** - The BNC should conduct annually a supplementary examination for those students who failed the year-end examination 6 weeks after the results of the year-end examination are published.

B. Marking System for Papers

1. The following should be the marking system for the year-end BNC examinations :

First year		Total	Written	Oral	Practical
Paper-1	Anatomy and Physiology including Chemistry & Physics	150	100	25	25
Paper-2	Nursing Arts including First Aid & Bandaging	200	100	50	50
Paper-3	Community Health & Hygiene including Psychology, Social Science & Microbiology & Nutrition	150	100	25	25
TOTAL		<u>500</u>	<u>300</u>	<u>100</u>	<u>100</u>
Second Year		Total	Written	Oral	Practical
Paper-1	Community Nursing I including Immunizations, Family Health Nursing & Health Education	150	100	25	25
Paper-2	Adult and Child Medical Nursing I & Pharmacology	200	150	25	25
Paper-3	Adult and Child Surgical Nursing I	150	100	25	25
TOTAL		<u>500</u>	<u>350</u>	<u>75</u>	<u>75</u>

Third Year		Total	Written	Oral	Practical
Paper 1	English	100	75	25	—
Paper 2	Community Nursing II including Statistics & Epidemiology	100	75	25	—
Paper 3	Psychiatric Nursing & Management and Supervision	100	75	25	—
Paper 4	Adult Medical & Surgical Nursing II	200	100	50	50
TOTAL		500	325	125	50

Fourth Year		Total	Written	Oral	Practical
Paper 1	Midwifery and Community Midwifery including Family Planning	200	100	40	60
Paper 2	Obstetrical and Neonatal Nursing	200	100	40	60
TOTAL		400	200	80	120

2. The written examinations in the First and Second Years should include 70 percent essay and 30 percent objective type questions. In the Third and Fourth year written examinations, the questions should be 60 percent essay and 40 percent objective with the exception of the English written examination which should be 75 percent essay and 25 percent objective.

C. Eligibility for the BNC Examinations

1. A student should be eligible to appear for the year-end examination upon meeting the following requirements :
 - a. attended 80 percent of the Study Days
 - b. satisfactorily performed 80 percent of the nursing skills specified in the Nursing Skills Checklist for the year covered by the examination (See Annex B)
 - c. passed with 50 percent mark an institutional examination which is
 - 1.) conducted at least two (2) months prior to the BNC examination,
 - 2.) includes written, oral and practical parts,
 - 3.) covers all subjects taught in the year, and
 - 4.) consists of the same type and percentage of essay and objective questions as are on the BNC examination for that year.

II. Administration of BNC Examinations.

A. Application

1. Application for the examination should be submitted at least one month prior to the examination to the Registrar of the Council on the prescribed form obtained from the Council.

2. The application form along with the prescribed fee should be submitted through the NTC after the form has been duly signed by the Principal/Sister Tutor In-Charge certifying eligibility.
3. Fees for the examinations should be laid down by the Council.
4. A late fee along with the prescribed examination fee should be paid by those students who submit their applications after the appointed date.
5. Notice of a student's withdrawal should reach the Registrar two weeks before the examination is due to be held. Otherwise the examination fee will be forfeited except in the case of a student who is prevented from appearing by illness and produces a certificate to that effect signed by the Director/Superintendent of the hospital. In cases of withdrawal in time and illness, the examination fee is held for the next scheduled examination.

B. Conduct of the Examinations

1. The language of the examinations should be the same as the medium of instruction, i. e. English and Bengali.
2. The Council should appoint the examination centres.
3. The invigilators for the examinations should be appointed by the examination centres according to the following Council regulations :
 - a. Written Part—1 Invigilator for upto 20 students and 2 Invigilators for upto 30 students
 - b. Practical/Oral Parts – 1 Invigilator for each subject each day
4. If a student is observed during the examination of using any unfair method i. e. copying from another student's paper or notes, the student is given a warning, her script is taken away, and she must start over again with a new question paper. The BNC is notified by the Presiding Officer of the event. If the same student is observed again using unfairness, her script is taken away, and she is not allowed to continue with the examination. The BNC is notified by the Presiding Officer, and the BNC will decide on the final action to be taken.

III. Examination Results

A. Distribution

Printed copies of the results of the examinations showing the marks should be sent to the Principal/Sister Tutor In-Charge of the respective NTCs.

B. Grading

1. The pass mark for each examination should be 50 percent of each of the written, oral, and practical parts of the papers.
2. 5 grace marks on the aggregate score may be granted by the BNC.

C. Reappearance

1. A student failing the PTS examination should be given one chance for re-examination after 4 weeks of further training. A student failing the re-examinations should be dismissed from the NTC.
2. A student failing any papers on a year-end examination, may sit for the classes/supplementary BNC examination provided that the student has completed revision assignments.
3. When appearing for the supplementary BNC examination, the student should only repeat those papers which the student failed in the year-end BNC examination.
4. A student failing any papers she is repeating in the supplementary BNC examination should repeat the entire year in those subjects only.

D. Registration

Students, after passing the final examinations in nursing and midwifery should apply for respective registrations by submitting to the Council the application form along with a photograph and testimonial attested by the Principal/Sister Tutor In-Charge. This testimonial should certify that the student has completed the prescribed training programme, including passing marks and satisfactory behaviour and character.

SRN SYLLABUS GUIDELINES

I. Course of Study

A. Period of Training

There should be a minimum period of four years of training (3 years of general nursing and 1 year of midwifery or equivalent) including 3 months in PTS. No candidate should be allowed to appear in the final examination for general nursing or the final examination in midwifery (or equivalent) unless she has completed the prescribed period; the period of leave over and above the leave admissible under the normal rules should be made up before appearing for the final examinations.

B. Major Subject Areas

Theoretical instruction and clinical/community practices experiences should be in the areas of 1) Basic and Behavioural Sciences applied to Nursing, 2) English, 3) Community-oriented Nursing, 4) Clinical Nursing in Hospitals, and 5) Midwifery or equivalent.

C. Medium of Instruction

The training should be given in English and Bengali.

D. Certification

Upon passing the final Bangladesh Nursing Council (BNC) examinations, graduates should receive a Diploma in Nursing Science and Midwifery (or an equivalent).

II. Admission of Students

A. Minimum Requirements

1. Bangladesh citizenship
2. 16-26 years of age according to original birth certificate, special affidavit for age certification not accepted
3. Secondary School Certificate (SSC) pass in not less than 2nd Division
4. Unmarried
5. Medical certificate of physical fitness

B. Selection Board

1. Principal/Sister Tutor-in-Charge of the Nurses' Training Centre (NTC)
2. Matron/Sister in-Charge of the Hospital
3. Medical Director/Superintendent of the Hospital/Civil Surgeon
4. Sister Tutor of the NTC
5. Divisional Assistant Director of Nursing Services
6. District PHN
7. Guest Lecturer

C. Mode of Selection

1. Passing mark on written general knowledge exam prepared by BNC but administered and graded locally
2. Personal interview to determine suitability and motivation for nursing
3. 2 references from local authorities and government officers

III. Administrative Requirements for the Syllabus

A. Records

The following records should be maintained by the Principal/Sister Tutor In-Charge :

1. Admission Book which should contain all information on student admission, progression and graduation (or termination)
2. Leave Book
3. Study Day Class Attendance Record
4. Clinical Practice Attendance Record
5. Internal Exams Results
5. BNC Exams Results
7. Student Personal File
8. Stock Ledgers (furniture, crockeries, equipment, books, etc.)
9. Book Lending Record

B. Committees

The following committees should be organized and should meet regularly in each Nurses Training Centre on relevant matters pertaining to the nurses, training programme :

1. Faculty, including Sister Tutors, Clinical Instructors, and Guest Lecturers
2. Student Nurses
3. Mess
4. Recreation

C. Conferences

Conferences involving the following groups should be held regularly on relevant matters pertaining to the nurses' training programme :

1. Faculty, including Sister, Tutors, Clinical Instructors, and Guest Lecturers
2. Faculty, Matrons/Ward Sister and Student Nurses
3. Faculty, Representatives from community field practice sites, and Student Nurses
4. Principal/Sister Tutor In-Charge, Civil Surgeon, Medical Director/Superintendent, Medical College Principal (if relevant), and Matron/Sister In-Charge.

D. Students

1. Residence—Student nurses may be permitted to reside outside the hostel up to the discretion of the Principal/Sister Tutor In-Charge.
2. Health—The following health services should be provided for students :
 - a. annual medical examination
 - b. vaccination against prevalent communicable diseases as considered necessary
 - c. free medical care during certified illness
 - d. complete individual health record
 - e. separate unit/bed in the hospital for sick students along with an improved diet.
3. Males—Instead of Gynae wards, a male student should spend at least three months in any of other speciality departments such as psychiatric, orthopaedic, physiotherapy, emergency, X-ray, laboratory, etc.
4. Transfer—A student may transfer from one recognised NTC to another during her training, provided the arrangement is agreed upon and approved and ordered by the Directorate of Nursing Services.

E. Library

1. Each NTC should have library facilities which are available and easily accessible to students. For this purpose, senior students may be assigned on a rotating basis to monitor the library after 14.00 or students should be allowed to sign out books for use after 14:00 in their own rooms or in a study hall.

IV. Distribution of Hours

A. Instruction/Practice and Time-off Periods

1. Each year, 42 weeks should be allocated for theoretical instruction and clinical/community field practice experiences. Each week should comprise 6 days since students should have one (1) day off per week. The following time-off periods for students should be granted :

Annual Leave	4 weeks
Official holidays (days vary according to official calendar)	2 weeks
Pre BNC Exam preparation	1 week
BNC Exam period	3 weeks
TOTAL	<hr/> 10 weeks

2. The time-off periods should be scheduled by the Principal/Sister Tutor In-Charge according to the Study Day and Clinical/Community Rotation Plans and local hospital staffing needs so that some students should be available at all times for clinical practice experiences in the hospital wards.
3. Whenever possible, official holiday time-off should be arranged on students' Clinical Practice Days to avoid having students miss Study Days. An exception to this is the week long Eid holidays when no Study Days should be scheduled so that students who are not given time-off may be scheduled for ward clinical practice.
4. The BNC Pre-exam and Exam periods should also be scheduled in a staggered manner so that all students are not having time-off at the same time. Foreexample, First and Third year-end exams may be held together and after a one-two week gap Second and Fourth Year-end exams may be held.
5. Students should be considered absent from duty for any leave taken over and above these designated periods and should make up this time before appearing for the final examinations.

B. Weekly Schedule

1. Each week the students' schedule should be organized as follows :
Study Days-2 days per week (6 hours per day for all theoretical instruction classes and supervised demonstrations/study periods, including lecture/discussions, small group projects, assigned library work, and nursing skills practice in the Demonstration Room.

Clinical Practice Days-4 days per week (6 hours per day) for all clinical practice learning experiences in hospital and community field settings, including field trips and observations.

2. The Study and Clinical Practice Days (See Annex A) should be different for each year of students to promote uninterrupted teaching/learning activities on Study Days and to insure adequate numbers of students on the hospital wards. On any given day during the week, 2 Years of students should have Study Day sessions and 2 Years of students should be assigned for clinical practice in the hospital wards and community settings.

C. Yearly Allocation

1. On the basis of the Study/Clinical Practice Days and Time-off Periods, the year-wise allocation of hours is as follows :

	Theoretical Instruction/Study	Clinical/Community Practice
First Year	684 hours	720 hours
Second Year	504 hours	1008 hours
Third Year	504 hours	1008 hours
Fourth Year	504 hours	1008 hours
Total	2196 hours	3744 hours

Note : The yearly allocation of hours is different for First Year because of the PTS period during which time students have only theoretical instruction/study and no hospital/community practice experiences except for observations and demonstrations. During the 12-week PTS period, only 9 weeks are available for instruction because 1 week is set aside for orientation, 1 week for review for the PTS exam, and 1 week for the exam.

V. Organisation of Courses

A. Year-wise Content Areas

The following conceptual organisation of the curriculum should guide the students, study day activities and clinical practice experiences in each year :

1. First Year-the focus is on healthy human functioning to promote and maintain people's health within the biological physical and socio-cultural environment in which people live. Thus the courses emphasize applied scientific principles in nursing, social and behavioural concepts, and basic nursing knowledge, skills and attitudes which students apply in caring for the basic health needs of individuals in general hospital settings. Students' introduction to community nursing focuses on the relationship between community environment and people's health: how environmental factors contribute to health and disease and how people can modify environmental factors to promote health and prevent disease.

2. Second Year—the focus changes to promotion and maintenance of family health, specific disease prevention, and more advanced nursing care to promote recovery and restoration of health of ill adults and children who have common health problems. Courses emphasize PHC concepts and strategies and essential community-oriented and clinical nursing knowledge, skills and attitudes which students apply in family health care, especially with mothers and children and in adult and child medical-surgical care situations.

3. Third Year—the focus shifts to health promotion and maintenance and disease prevention for special target populations and community groups, health restoration and rehabilitation for adults with complex health problems and beginning leadership roles. Courses emphasize epidemiological, organisational and management principles and specialised nursing knowledge and skills which students apply in assuming greater responsibility for managing, coordinating, and providing community-oriented and advanced nursing care.

4. Fourth Year—the total focus is on Midwifery in which students add to their general nursing background the specialized knowledge, skills and attitudes in Institutional and Domiciliary Midwifery, Obstetrical Nursing, Family Planning and Neonatal Nursing for caring for mothers and newborns in hospital and community settings.

B. Course-wise Break-up of Study Day Hours

<u>FIRST YEAR</u>	Study Day Hours
<u>Sciences</u>	
Anatomy & Physiology	70
Chemistry & Physics	40
Microbiology	30
Psychology	30
Social Sciences	40
<u>English</u>	30
<u>Community Nursing</u>	
Community Health and Hygiene	40
Nutrition	30
<u>Clinical Nursing</u>	
Nursing Arts	150
First Aid and Bandaging	40
TOTAL STUDY DAY HOURS	500 (184)

<u>SECOND YEAR</u>	Study Day Hours
<u>Sciences</u>	
Pharmacology	40
<u>English</u>	30
<u>Community Nursing</u>	
Community Nursing I	30
Immunizations	30
Family Health Nursing	50
Health Education	20
<u>Clinical Nursing</u>	
Adult Medical Nursing I	60
Adult Surgical Nursing I	60
Child Medical-Surgical Nursing	80
TOTAL STUDY DAY HOURS	400 (104)

<u>THIRD YEAR</u>	Study Day Hours
<u>Sciences</u>	
Statistics & Epidemiology	20
<u>English</u>	30
<u>Community Nursing</u>	
Community Organization	10
Community Nursing II	70
<u>Clinical Nursing</u>	
Adult Medical Nursing II	100
Adult Surgical Nursing II	100
Psychiatric Nursing	30
Management & Supervision	20
TOTAL STUDY DAYHOURS	380 (124)

<u>FOURTH YEAR</u>	Study Day Hours
Midwifery/OB Nursing	180
Community Midwifery	80
Family Planning	60
Neonatal Nursing	60
TOTAL STUDY HOURS	380 (124)

Note : Numbers in parentheses after TOTAL STUDY DAY HOURS are extra hours for flexible scheduling of additional or revision classes as necessary.

VI. Clinical/Community Field Practice Experiences

A. Practice Areas

Students should be assigned to hospital and community settings for observations and practice related to the objectives of the course they are currently studying, what they are learning in the classroom, and what they are practising in the demonstration laboratory. The following is the break-up of hours for the practical experiences according to the Clinical Rotation Plan (See Annex A) and Suggested Clinical Practice Experiences in the individual course outlines :

Practice Areas	First Yr Weeks	Second Yr Weeks	Third Yr Weeks	Fourth Yr Weeks	Total Weeks
Medical-Surgical including Eye, ENT, Gynaecology Wards	18	14	20	4	38
Operation Theatre	—	6	4	4	14
Community Field Visits including MCH&FP and OPDs	8	12	10	16	46
Paediatric & Neonatal Wards	2	8	2	4	16
Psychiatric Wards	—	—	4	—	4
Labour & Delivery Wards	—	—	—	12	12
TOTAL	28	40	40	40	148

B. Night Duty

1. A certain amount of night duty is essential for learning purposes, but night duty should be limited considering the maturity level of the students, safety of the patients, and security in the hospital at night,
2. First Year students should not be assigned to night duty. Second, Third, and Fourth Year students should be assigned night duty upto 60 nights in a single year. During a year, this would mean that, on the average, second, third, and fourth year students should be assigned night duty for 15 consecutive nights every three months.
3. One staff nurse should be assigned to the hospital ward(s) to supervise students when they are on night duty.

VII. Instructional Methodology

A. Teaching/Learning Activities

The following methods should be used for Study Day classes in the NTCs to promote active learning :

1. Group Discussion
2. Small Group Assignments or Projects
3. Demonstrations and Return Demonstrations
4. Assigned Library Work or Reading
5. Use of Audio-Visual Aids
6. Patient Case Presentations

Clinical Practice Experiences

1. The following activities should be used for hospital and community experiences
 - a. Field Trips
 - b. Individual Patient Assignments
 - c. Ward Task Assignments
 - d. Written Nursing Care Plans
2. Rotation Plans for hospital and community experiences should be prepared in consultation with hospital nursing and community field personnel.

Teachers and Examiners

1. Lectures in special subjects should be given by qualified persons or specialists, i. e. registered medical doctors, specialists or consultants, public health nurse etc.
2. Examinations in special subjects should be conducted by two examiners in each subject, i. e. medical doctors if available or qualified nurses.
3. All Guest Lecturers who deliver lectures according to the SRN Syllabus should be paid remuneration from a separate budget provided to the NTC.

Evaluation

1. Evaluation of students' progress in theoretical instruction and performance in the practical areas should be a continuous process. Sister Tutors and guest Lecturers should carry out frequent and regular examinations in each subject and Sister Tutors and hospital nursing personnel should use observational checklists to evaluate the students, performance of nursing skills according to the year-wise break-up in the Nursing Skills Checklist.
2. The NTC should follow the rules for examinations regarding PTS, year end, and supplementary examinations.

**FIRST YEAR
DISTRICT NTCs**

Study Day

Sciences	190 hours
English I	30 hours
Community Health & Hygiene	40 hours
Nutrition	30 hours
Nursing Arts	150 hours
First Aid & Bandaging	40 hours

Clinical Practice Experiences

Medical-Surgical & Emergency Wards	18 weeks
Children's Wards	2 weeks
Community Field Visits & OPDs	8 weeks

Necessary to rotate between 2 batches of students where clinical practice experiences are limited.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
O R I E N T	PTS Concentration on Sciences and English with some Introduction to community and Clinical Nursing									R E V I E W	E X A M	LEAVE (No Rotation)		Med-Surg-Wards (No Rotation)				Community Field Visits (Batch 2) Emergency Wards (Batch 1)		Emergency Wards (Batch 2) Community Visits (Batch 1)		M A K E U P	Med-Surg-Wards (Batch 1) Community Field Visits (Batch 2)			

28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52
M A K E U P	Community Field Visits (Batch 1)		Emergency Wards (Batch 1)		Med-Surg Wards (Batch 1)		M A K E U P	Med-Surg Wards (Batch 2)		Med-Surg Wards (No Rotation)				M A K E U P	OPDs (Batch 1) Med-Surg Wards (Batch-2)		Children's Wards (Batch 1) Emergency Wards (Batch 2)		Study Leave (No Rotation)		BNC Exam (No Rotation)		Leave (No Rotation)	

Note : CHH = Community Health or Community Field Visits
 EW = Emergency Wards
 Child = Children's Wards
 M-S = Medical-Surgical Wards

FIRST YEAR
MEDICAL COLLEGE NTCs

Study Day

Sciences	190 hours
English I	30 hours
Community Health & Hygiene	40 hours
Nutrition	30 hours
Nursing Arts	150 hours
First Aid & Bandaging	40 hours

Clinical Practice Experiences

Medical Surgical & Emergency Wards	18 Weeks
Children's Wards	2 Weeks
Community Field Visits & CPDs	8 Weeks

Necessary to rotate between 4 Batches of students where Clinical Practices Experiences are limited

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27			
O R I E N T	PTS										R E V I E W	E X A M	L E A V E (No Rotation)	B1 Community Health				B1 EW		B1 EW		M A K E U P	B1 Med-Surg Wards						
	Concentration on Sciences													B2 Med-Surg Wards				B2 CHH		B2 EW			B2 Med-Surg Wards						
	and English with some													B3 Med-Surg Wards				B3 EW		B3 M-S			B3 Community Health						
	Introduction to Community													B4 Med-Surg Wards				B4 M-S		B4 CHH			B4 Med-Surg Wards						
	and Clinical Nursing																												

28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52					
M A K E U P	B1 Med-Surg Wards				B1 OPDs				M A K E U P	B1 CHH				B1 Med-Surg Wards				M A K E U P	B1 M-S				B1 Child				Study Leave (No Rotation)	BNC Exam (No Rotation)	Leave (No Rotation)
	B2 Med-Surg Wards				B2 Child					B2 OPDs				B2 Community Health					B2 M-S				B2 EW						
	B3 Med-Surg Wards				B3 CHH					B3 M-S				B3 Med-Surg Wards					B3 EW				B3 OPDs						
	B4 Community Health				B4 EW					B4 Child				B4 Med-Surg Wards					B4 OPDs				B4 EW						

Note : CHH = Community Health or Community Field Visits
 EW = Emergency Wards
 Child = Children's Wards
 M-S = Medical Surgical Wards

SECOND YEAR

Study Day

Pharmacology	40 hours
English II	30 hours
Community Nursing I	30 hours
Immunizations	30 hours
Family Health Nursing	50 hours
Health Education	20 hours
Adult Medical Nursing I	60 hours
Adult Surgical Nursing I	60 hours
Child Medical Surgical Nursing	80 hours

Clinical Practice Experiences

Medical Surgical Wards	14 weeks
Operation Theatre	6 weeks
Childrens' wards	8 weeks
Community Field Visits & OPDs	12 weeks

Necessary to rotate between 2 or 4 batches of students where clinical practice experiences limited

Sample Rotation Plan

1 2 3 4	5 6	7 8 9 10	11 12	13 14 15	16 17 18	19	20 21	22 23	24	25 26 27 28
Med-Surg Wards (Batch 1)	Comm- unity Field Visits	Children's Wards (Batch 1)	L E A V E	Community Field Practice (Batch 1)	Operation Theatre (Batch 1)	M A K E U P	Children's Wards (Batch 1)	OPDs (Batch 1)	L E A V E	Med-Surg ward
Children's (Batch 2)		Med-Surg Wards OPDs (Batch 2)		Operation Theatre (Batch 2)	Community Field Practice (Batch 2)		OPDs (Batch 2)	Children's Wards (Batch 2)		

29 30 31	32 33	34	35 36 37	38	39 40 41 42 43 44	45 46	47 48	49 50	51 52
Community Field Practice (Batch 1)	Children's Wards (Batch 1)	L E A V E	Operation Theatre (Batch 1)	M A K E U P	Medical - Surgical Wards	Study Leave	BNC Exam	L E A V E	OPDs (Batch 1)
Operation Theatre (Batch 2)			Community Field Practice (Batch 2)						Children's Wards (Batch 2)

THIRD YEAR

<u>Study Day</u>	
Statistics and Epidemiology	20 hours
English III	30 hours
Community Organization	10 hours
Community Nursing II	70 hours
Adult Medical Nursing II	100 hours
Adult Surgical Nursing II	100 hours
Psychiatric Nursing	30 hours
Management and Supervision	20 hours

<u>Clinical Practice Experiences</u>	
Medical Surgical Wards	20 weeks
Operation Theatre	4 weeks
Children's wards	2 weeks
Psychiatric wards	4 weeks
Community Field Visits & OPDs	10 weeks

Necessary to rotate between 2-4 batches of students where clinical practice experiences are limited

Sample Rotation Plan

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
OT Batch 1)						C Field Visits (Batch 1)					ENT wards (Batch 1)	Community Field Practice (Batch 1)		Eye Wards (Batch 1)					Psychiatric Wards (Batch 1)			Operation Theatre Batch 1)					
C.Field Visits Batch 2	Med-Surg Wards					OT (Batch 2)	LEAVE			Community Field Practice (Batch 2)		ENT Wards (Batch 2)		Psychiatric Wards (Batch 2)	MAKE UP				Eye Wards (Batch 2)			Child- ren's Wards Batch 2	LEAVE				OPDs

29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52
Gynae wards (Batch 1)				Intensive & Special Care Units (Batch 1)		L E A V E	Community Field Practice (Batch 1)				M A K E U P	Management & Supervision (Batch 1)		Children's Wards (Batch 1)		Study Leave	BNC Exams				L E A V E		
Community Field Practice (Batch 2)				Management & Supervision (Batch 2)			Gynae Wards (Batch 2)					Intensive & Special Care Units (Batch 2)		Operation Theatre (Batch 2)									

**Basic SRN Curriculum
Organization of Courses**

First Year				Second Year				Third Year			
	Total Hours	Study Day Hours	Clin Pract Hours		Total Hours	Study Day Hours	Clin Pract Hours		Total Hours	Study Day Hours	Clin Pract Hours
<u>Sciences</u>				<u>Sciences</u>				<u>Sciences</u>			
Anatomy & Physio	120	70	50	Pharmacology	60	40	20	Statistics & Epidemiology	40	20	20
Chem. & Physics	60	40	20								
Microbiology	50	30	20								
Psychology	50	30	20								
Social Science	60	40	20								
English	50	30	20	<u>English</u>	30	30	—	<u>English</u>	30	30	—
<u>Community Nursing</u>				<u>Community Nursing</u>				<u>Community Nursing</u>			
Comm. Health & Hygiene	140	40	100	Community Nursing I	120	30	90	Community Org	30	10	20
Nutrition	50	30	20	Immunizations	90	30	60	Community Nursing II	270	70	200
				Family H. Nsg.	140	50	90				
				Health Education	40	20	20				
<u>Clinical Nursing</u>				<u>Clinical Nursing</u>				<u>Clinical Nursing</u>			
Nursing Arts	450	150	300	Adult Medical Nursing I	300	60	240	Adult Medical Nursing II	370	10	270
First Aid	140	40	100	Adult Surgical Nursing I	300	60	240	Adult Surgical Nursing II	370	100	270
				Child Medical Surgical Nursing	280	80	200	Psychiatric Nsg. Management & Supervision	130 90	30 20	100 70
<u>Total</u>	<u>1170</u>	<u>500</u>	<u>670</u>	<u>Total</u>	<u>1360</u>	<u>400</u>	<u>960</u>	<u>Total</u>	<u>1310</u>	<u>380</u>	<u>950</u>
(Reserve)	(234)	(184)	(50)	(Reserve)	(152)	(104)	(48)	(Reserve)	(202)	(124)	(58)