Health care and Pharmaceutical

CERTIFIED NURSING ASSISTANT (CNA)

<u>Curriculum</u>

Program Outline :

Module 1:Fundamentals of Certified Nursing Assistant (CNA)

1.**Patient Care:** Assisting patients with daily living activities such as bathing, dressing, eating, and mobility.

2.**Vital Signs Monitoring:** Measuring and recording vital signs like temperature, blood pressure, pulse, and respiratory rate.

3.**Basic Medical Tasks:** Performing tasks like changing dressings, applying bandages, and administering basic medications under supervision.

4.**Communication Skills:** Effectively communicating with patients, families, and healthcare team members to ensure quality care.

5.**Compliance with Regulations:** Adhering to healthcare laws, regulations, and ethical standards to ensure patient safety and confidentiality.

Module 2:Advanced Certified Nursing Assistant (CNA)

1.Certified Clinical Medical Assistant (CCMA): Focuses on clinical skills and patient care.

2.Registered Medical Assistant (RMA): Provides a broader scope of practice and recognition.

3.Licensed Practical Nurse (LPN): Requires additional education and training, but offers higher responsibilities and pay.

4.Associate Degree in Nursing (ADN): Prepares CNAs to become Registered Nurses (RNs).

5.Specialized Certifications: Such as gerontology, pediatrics, or wound care, to enhance skills in specific areas.

Module 3:Practical Applications

1. Patient Care and Management:
Medication Therapy Management (MTM): Pharmacists optimize medication regimens to improve therapeutic outcomes and reduce adverse effects.

2. Clinical Practice:
Patient Counseling: Educating patients on proper medication use, potential side effects, and lifestyle modifications to enhance health outcomes.

3. Pharmaceutical Research and Development:
Drug Discovery and Development: Conducting research to discover new medications and develop existing ones

4. Healthcare Technology and Innovation:
Telemedicine: Using telehealth platforms to provide remote consultations, follow-ups, and health monitoring

Module 4: Capstone Project

1.**Impact of Telemedicine on Patient Outcomes**
Analyze the effectiveness of telemedicine in improving patient outcomes, especially for chronic disease management .

2.**Pharmaceutical Waste Management**
Develop strategies to reduce pharmaceutical waste and its environmental impact.

3.**Medication Adherence in Elderly Patients**
Investigate factors affecting medication adherence among elderly patients and develop interventions to improve adherence.

4.**Implementation of an Electronic Health Records (EHR) System**
Assess the challenges and benefits of implementing an EHR system in a healthcare facility

Elective Modules

Advanced Pharmacology: Deep dive into the mechanisms of action, side effects, and interactions of various drugs.

Clinical Research Methods: Learn about designing and conducting clinical trials, data analysis, and ethical considerations.

Health Informatics: Study the use of information technology in healthcare, including electronic health records and data management.

Global Health: Explore health issues and solutions in a global context, including international health policies and practices

Websites:

- https://chools.in/
- https://ramaqchools.com/
- https://www.choolsgroup.com/