

Health care and Pharmaceutical

CERTIFIED AMBULATORY CARE PHARMACIST (CCMA) Curriculum

Program Outline :

Module 1: Fundamentals of Certified Clinical Medical Assistant (CCMA)

- 1. Patient Interaction:** Developing strong communication and interpersonal skills to effectively interact with patients and gather accurate medical histories.
- 2. Clinical Procedures:** Mastering clinical procedures such as drawing blood, administering injections, conducting EKG tests, and performing basic laboratory tests.
- 3. Medical Terminology:** Understanding medical terminology to accurately document patient information and communicate with healthcare professionals.
- 3. Patient Safety and Care:** Ensuring patient safety by following infection control practices, administering medications, and assisting with patient examinations.
- 5. Administrative Skills:** Managing administrative tasks such as scheduling appointments, maintaining medical records, and handling billing and insurance processes.

Module 2: Advanced Certified Clinical Medical Assistant (CCMA)

1.Advanced Clinical Skills: Enhancing clinical skills for performing more complex procedures, such as advanced phlebotomy, EKG interpretation, and assisting with minor surgical procedures.

2.Specialized Patient Care: Providing specialized care for patients with chronic conditions, such as diabetes management, wound care, and post-operative care.

3.Leadership and Supervision: Developing leadership skills to supervise and mentor other medical assistants and support staff.

4.Quality Improvement Initiatives: Leading and participating in quality improvement projects to enhance patient care and clinical operations.

5.Regulatory and Compliance Expertise: In-depth understanding of healthcare regulations and compliance requirements specific to advanced clinical medical assisting.

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

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

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

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

4.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/>