

# **Health care and Pharmaceutical**

## **REGISTERED BEHAVIOR TECHNICIAN (RBT)**

### **Curriculum**

#### **Program Outline :**

#### **Module 1: Fundamentals of Registered Behavior Technician (RBT)**

- 1. Role and Responsibilities:** RBTs provide one-on-one support to individuals with autism spectrum disorder (ASD) and other developmental challenges under the supervision of a Board Certified Behavior Analyst (BCBA) or a Board Certified Assistant Behavior Analyst (BCaBA).
- 2. Applied Behavior Analysis (ABA):** Implement personalized ABA programs designed to improve communication, social skills, and reduce challenging behaviors.
- 3. Data Collection and Monitoring:** Collect data on clients' progress and report findings to supervising BCBAs to assess and adjust treatment plans as needed.
- 4. Positive Reinforcement Techniques:** Use evidence-based strategies to encourage positive behaviors and skill development.
- 5. Ethical Standards:** Adhere to the ethical guidelines set by the Behavior Analyst Certification Board (BACB) to ensure professional conduct and client safety

## **Module 2: Advanced Registered Behavior Technician (RBT)**

- 1. Registered Medical Assistant (RMA):** Provides a broader scope of practice and recognition.
- 2. Licensed Practical Nurse (LPN):** Requires additional education and training, but offers higher responsibilities and pay.
- 3. Associate Degree in Nursing (ADN):** Prepares CNAs to become Registered Nurses (RNs).
- 4. 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/>