

## MEDICAL CODING COURSE CURRICULUM

### Module 1: The World of USA Healthcare

This module will help the students understand the difference between Indian Healthcare & US Healthcare.

- Daily activities in US medical facilities
- Responsibilities of Medical coders and Billers
- Career opportunities available to Medical Coding and Billing specialists

### Module 2: Medical Terminology

This module will help the students to learn the Introduction to Medical Terminology. Medical Terminology: Construction and Deconstruction of Medical Terms

- Introduction to Medical Terminology
- Root words, Suffixes, Prefixes and Combining Vowels
- Medical Terminology: Dividing and Combining Terms
- Abbreviations
- Documentation of Medical Records

### Module 3: Human Anatomy & Physiology

This module helps the learner to understand the Introduction to the Human Body and its functioning.

- Digestive System
- Nervous System
- Respiratory System
- Urinary System
- Musculoskeletal System
- Endocrine System
- Cardiovascular System
- Blood and Blood-Forming Organs
- Lymphatic System
- Reproductive Systems

### Module 4: Medical Ethics

This module will help the candidate with the knowledge of Ethics, Compliance, Frauds and Application of Concepts to Medical Coding Specialists.

- Confidentiality with Medical Records (HIPAA Guidelines)
- Insurance Audits
- Legal Concepts Involved

## Module 5: Diagnostic Coding

This module helps the learner to understand the ICD-10-CM

- Introduction to Diagnostic Coding
- ICD-10-CM Coding Manual Introduction

## Module 6: ICD-10-CM Diagnosis Coding

This module helps the learner to understand the Guidelines, Conventions and Rules of ICD-10-CM.

- Diagnosis Coding Procedures
- Basic Coding Exercises

## Module 7: ICD-10-CM Coding to Infections of Blood diseases

This module will equip the candidate with the knowledge of coding Infections, Parasitic diseases, and Neoplasms.

- Coding of endocrine, nutritional, metabolic, and blood diseases

## Module 8: ICD-10-CM Coding to Mental disorders to Respiratory diseases

This module will equip the candidate with the knowledge of Diagnosis Coding about the

- Nervous system,
- Circulatory or Blood system
- Respiratory system

## Module 9: ICD-10-CM Coding to Pregnancy & Genitourinary disorders

This module helps the learner to understand Genitourinary systems and Coding diagnoses related to childbirth.

- Puerperium
- Complications of Pregnancy

## Module 10: ICD-10-CM Coding from Skin to Perinatal period

This module helps the learner to understand the Diagnosis coding of Skin and Subcutaneous tissue.

- Musculoskeletal system
- Congenital abnormalities
- How to code Skin related diagnoses?

## **Module 11: ICD-10-CM Coding to Symptoms and Poisoning**

This module will help the candidate to learn the skills of Coding Symptoms, Signs, and Ill-defined conditions.

- Coding for Injuries
- Poisoning

## **Module 12: CPT Coding**

This module will help the candidate to learn the History of Procedural coding.

- Differentiate between CPT and HCPCS codes
- Format of the CPT Coding Manual
- Basic steps of CPT coding

## **Module 13: CPT Coding from Integumentary System**

This module helps the learner to understand codes related to the integumentary system Coding like Biopsies, Skin Lesions, Excisions, Burns, Breast Procedures and Skin Grafts.

## **Module 14: CPT Coding from Reproductive System to Operating Microscope**

This module will help the student to learn the skills of Coding from the Reproductive Systems to the Operating Microscope like coding for Maternity and Childbirth Procedures.

- Endoscopic Procedures related to the Endocrine & Nervous Systems
- Visual and Auditory Systems
- Coding for Microscopic Procedures

## **Module 15: CPT Coding for Anesthesia, Radiology, Pathology & Laboratory and Medicine**

This module will help the candidate to learn the skills of Coding for Anesthesia, Radiology, Pathology & Laboratory and Medicine.

- Coding Radiology Procedures
- Radiology Terms, Sections, Subsections and Guidelines
- Guidelines and Coding information for Pathology
- Anesthesia Modifiers

## **Module 16: CPT Coding for Evaluation & Management Services**

This module helps the learner to understand Coding Evaluation and Management codes.

- Documentation Guidelines
- Evaluation & Management Level sections

## **Module 17: CPT Comprehensive Surgery coding**

This module will help the student to understand the concept of practicing Procedure Coding.

- CPT codes specific to Surgery

## **Module 18: Musculoskeletal System**

This module helps the learner to understand the Comprehensive Musculoskeletal System Coding.

## **Module 19: Digestive System**

This module will help to understand the concept of Comprehensive Digestive System Coding.

## **Module 20: Reproductive System and Urology**

This module will contribute to understanding of the concept on Comprehensive Urology and Reproductive system coding.

## **Module 21: Cardiovascular and Pulmonary Systems**

This module will help the aspirants to understand the concept of Comprehensive Cardiovascular and Pulmonary coding.

## **Module 22: HCPCS Coding**

This module will help the students to understand the concept of Healthcare Common Procedure Coding System.

## **Module 23: Medical Coding Future**

This module will help the candidate to understand the different coding resources available to them throughout their Medical Coding Careers.

- Associations, Websites, Continuing Education, and Certification options
- Importance of Coding Charges and Research

## **Module 24: Practice**

The students will practice Code Searching – ICD-10-CM, CPT & HCPCS.