



# MEDICAL CODING

**DURATION**  
**45 Days**

## COURSE OVERVIEW

This course provides comprehensive training in medical coding standards, anatomy, medical terminology, ICD-10-CM, CPT, HCPCS, and Revenue Cycle Management (RCM). It prepares learners for real-time healthcare coding jobs and the AAPC CPC certification exam.

## MODULE 1: INTRODUCTION TO MEDICAL CODING

- Overview of medical coding and its role in healthcare
- Importance of medical coding in hospitals, clinics, and insurance companies
- Educational qualifications and eligibility criteria
- Career opportunities:
  - Medical Coder
  - Medical Billing Executive
  - Coding Auditor
  - Compliance Analyst
- Advantages of medical coding as a career:
  - Global demand
  - Work-from-home opportunities
  - Stable healthcare industry
- Areas of work:
  - Hospitals
  - Multispecialty clinics
  - Insurance companies
  - Healthcare BPOs
  - US healthcare providers

## MODULE 2: ANATOMY AND PHYSIOLOGY

- Introduction to human anatomy and physiology
- Structure and functions of major body systems:
  - Skeletal system
  - Muscular system
  - Nervous system
  - Cardiovascular system
  - Respiratory system
  - Digestive system
  - Urinary system
  - Endocrine system
  - Reproductive system
- Common diseases and disorders related to each system
- Medical documentation related to anatomy
- Importance of anatomy and physiology in:
  - Understanding physician notes
  - Accurate ICD and CPT coding
  - Avoiding coding errors

## MODULE 3: MEDICAL TERMINOLOGY

- Importance of medical terminology in healthcare documentation
- Root words, prefixes, and suffixes:
  - Meaning and usage
  - Combining forms
- Terminology related to:
  - Body systems
  - Diseases and procedures
- Body planes and directions:
  - Anterior, posterior, medial, lateral
  - Proximal, distal
- Laterality and anatomical positions
- Application of medical terminology in:
  - ICD-10-CM coding
  - CPT coding
- HCPCS coding

## MODULE 4: ICD-10-CM CODING (DIAGNOSIS CODING)

- Introduction to ICD-10-CM coding system
- Structure and format of ICD-10-CM codes
- Coding for:
  - Diseases
  - Disorders
  - Injuries
  - Signs and symptoms
- Official ICD-10-CM guidelines:
  - General guidelines
  - Chapter-specific guidelines
- Steps in the ICD-10-CM coding process
- Code lookup:
  - Alphabetic Index
  - Tabular List
- Coding multiple diagnoses and comorbidities
- Use of laterality, combination codes, and sequencing
- Real-time coding scenarios and case studies

## MODULE 5: CPT CODING (PROCEDURAL CODING)

- Introduction to CPT coding system
- Structure and categories of CPT codes:
  - Category I
  - Category II
  - Category III
- Coding for:
  - Evaluation and Management (E&M)
  - Surgical procedures
  - Diagnostic procedures
  - Therapeutic services
- CPT coding guidelines and conventions
- Steps in CPT coding process
- Code searching techniques

- Coding multiple procedures for a single patient
- Use of modifiers:
  - Purpose of modifiers
  - Commonly used modifiers and scenarios
- Real-world procedure coding examples

## MODULE 6: HCPCS CODING

- Introduction to HCPCS Level II codes
- Purpose of HCPCS coding in healthcare
- Coding for:
  - Medical supplies
  - Durable medical equipment (DME)
  - Non-physician services
- Structure and format of HCPCS codes
- HCPCS modifiers and their applications
- Real-time scenarios involving supplies and equipment coding

## MODULE 7: RCM, BUSINESS OF MEDICINE & COMPLIANCE

- Introduction to the healthcare revenue cycle
- End-to-end Revenue Cycle Management (RCM) process:
  - Patient registration
  - Insurance verification
  - Coding and billing
  - Claims submission
  - Payment posting
  - Denial management
- US healthcare regulations and compliance:
  - HIPAA
  - Fraud and abuse laws
- Authorities involved in revenue cycle:
  - CMS
  - Insurance payers
  - AAPC
- Importance of patient confidentiality and data security
- Real-life medical coding and billing scenarios

## **MODULE 8: CPC (CERTIFIED PROFESSIONAL CODER) EXAM PREPARATION**

- Overview of AAPC and CPC certification
- CPC exam structure and syllabus
- Training aligned with CPC exam pattern
- ICD-10-CM, CPT, and HCPCS exam-oriented practice
- Time management strategies for CPC exam
- Mock tests and practice exams
- Guidance for exam registration and certification process

## **PRACTICAL TRAINING & ASSESSMENTS**

- Hands-on ICD-10-CM coding practice
- CPT and HCPCS coding exercises
- Real-time medical record analysis
- Case-based coding assignments
- Mock exams and evaluations

## **CAREER OPPORTUNITIES AFTER COMPLETION**

- Medical Coder
- CPC-Certified Coder
- Medical Billing Executive
- Coding Auditor
- Healthcare Compliance Analyst