



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