



TAMIL NADU APEX SKILL DEVELOPMENT CENTRE FOR HEALTHCARE

தமிழ்நாடு உயர் திறன் மேம்பாட்டு மையம் - சுகாதார நலன்

An Initiative of Tamil Nadu Skill Development Corporation, Government of Tamil Nadu

Model Curriculum

Medical Coding Basics



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S. NO	Module	Key Learning Outcomes	Duration
1	The World of Health Care	<ul style="list-style-type: none"> Learn about the daily activities in medical facilities. Learn about the responsibilities of Medical coders and Billers, Learn about career opportunities available to medical coding and billing specialists. 	1 hr
2	Medical Terminology	<p>Introduction:</p> <ul style="list-style-type: none"> Learn how to use medical terms in new careers. Learn about root words, prefixes and suffixes and learn how to derive word parts from medical terms. Practice using a medical dictionary. <p>Medical Terminology: Dividing and Combining Terms</p> <ul style="list-style-type: none"> Learn to divide and combine difficult medical words to help you understand and meanings of these words. Learn how these medical terms are used to describe diagnoses and procedures. <p>Medical Terminology: Abbreviations, Symbols and Special Terms</p> <ul style="list-style-type: none"> To recognize common medical abbreviations, symbols and plural words. This lesson also discusses special terms such as eponyms, acronyms, homophones, and antonyms. <p>Documenting Medical Records:</p> <ul style="list-style-type: none"> The role medical records play in a coding specialist's job. Explore the importance of documentation in medical records and learn to recognize the various types of dictation formats and also discusses how healthcare professionals manage medical records. 	3 hrs



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3	Medical Ethics	<ul style="list-style-type: none"> • Concepts of ethics, compliance, fraud and abuse and teaches students how these concepts apply to medial coding specialists. • The importance of confidentiality when dealing with medical records and discusses insurance audits and the legal concepts involved. 	2 hrs
4	Diagnostic Coding	<p>Introduction to Diagnostic Coding</p> <ul style="list-style-type: none"> • The actual coding process. • History of the International Classification of Diseases and the development of the ICD-10-CM coding system. • To identify main terms and sub terms and describe coding pathways. <p>ICD-10-CM Coding Manual Introduction</p> <ul style="list-style-type: none"> • The structure of the coding manual as well as the purposes of the various volumes within the manual. • Learn to handle abbreviations, cross references, and punctuation when coding, and they gain an introduction to Volumes I and II of the ICD-10-CM. 	2 hrs
5	ICD-10-CM Diagnosis Coding: Guidelines and Rules	<ul style="list-style-type: none"> • Learn the guidelines and rules of the diagnosis coding process. • Learn how coders interact with the super bill and claim forms and how the forms relate to the ICD-9-CM. 	2 hrs
6	ICD-10-CM Coding from Infections to Blood Diseases	<ul style="list-style-type: none"> • Start coding diagnoses. • Learn about infections, parasitic diseases, and neoplasms, as well as how to code them. The lesson also discusses the coding of endocrine, nutritional, metabolic, and blood diseases. <p>ICD-10-CM Coding from Mental Disorders to the Respiratory System</p> <ul style="list-style-type: none"> • More practice with diagnosis coding as they learn about the nervous, circulatory, and respiratory systems. This lesson also teaches students about mental disorders and how to code these disorders. 	2 hrs



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7	ICD-10-CM Coding from the Digestive System to Pregnancy	<ul style="list-style-type: none"> Learn about the digestive and genitourinary systems. Practice coding diagnoses related to childbirth, the puerperium and complications of pregnancy. <p>ICD-10-CM Coding from the Skin to Conditions of the Perinatal Period</p> <ul style="list-style-type: none"> Diagnosis coding of skin and subcutaneous tissue. Learn about the musculoskeletal system, congenital abnormalities, and conditions in the perinatal period, as well as how to code related diagnoses. 	4 hrs
8	ICD-10-CM Coding from Symptoms to Complications	<ul style="list-style-type: none"> Practice coding symptoms, signs, and ill-defined conditions, as well as injuries and poisoning. 	2 hrs
9	Z Codes, S Codes and ICD-10-CM Coding Practicum	<ul style="list-style-type: none"> Practice their new coding skills. Diagnosis coding knowledge in real-world scenarios. Learn how to apply V-codes and E-codes in coding situations. 	2 hrs
10	CPT Coding	<ul style="list-style-type: none"> Learn about the history of procedural coding and how to differentiate between CPT and HCPCS codes. This lesson also explains the structure and format of the CPT coding manual, as well as the basic steps of CPT coding. 	2 hrs
11	CPT Coding from the Integumentary System	<ul style="list-style-type: none"> Learn to code procedures related to the integumentary system Coding Biopsies, skin lesions, excisions, burns, Breast procedures, skin grafts etc. <p>CPT Coding from the Reproductive Systems to the Operating Microscope</p> <ul style="list-style-type: none"> About the male and female reproductive systems. Learn to code maternity and childbirth procedures, as well as procedures related to the endocrine, nervous, visual, and auditory systems also learn coding for microscopic procedures. 	4 hrs



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		<p>CPT Coding for Radiology, Pathology, Medicine and Anesthesia</p> <ul style="list-style-type: none"> About radiology terms, subsections, guidelines and coding radiology procedures. Guidelines and coding information for pathology and anesthesia are also included. 	
12	CPT Coding Evaluation and Management Services	<ul style="list-style-type: none"> Introduces students to evaluation and management codes, an important area for outpatient coders. Additionally, the lesson covers documentation guidelines and evaluation and management level sections and modifiers. <p>Comprehensive CPT Evaluation and Management</p> <ul style="list-style-type: none"> Learn about evaluation and management coding in this lesson. About the coding auditing process, as well as, how encounter forms are used in a coding specialist's work. 	4 hrs
13	Comprehensive Surgery Coding	<ul style="list-style-type: none"> To practice procedure coding. Review of previously discussed CPT codes specific to surgery, a major area of outpatient medical coding. 	4 hrs
14	Musculoskeletal Coding	Comprehensive Musculoskeletal Coding	2 hrs
15	Digestive System Coding	Comprehensive Digestive System Coding	2 hrs
16	Urology and Reproductive system coding	Comprehensive Urology and Reproductive system coding	2 hrs
17	Pulmonology and Cardiovascular coding.	Comprehensive Pulmonology and Cardiovascular coding.	2 hrs
18	CPT Coding for Radiology, Pathology	Comprehensive CPT Coding for Radiology, Pathology	1 hr
19	Anesthesia Coding	Comprehensive Anesthesia Coding	1 hr
20	HCPCS Coding	Comprehensive HCPCS Coding	1 hr

Grand Total : 45 hrs