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## Medical Coding Specialist Program

### Course Curriculum

**Semester 01** (Tuition: \$1,150 Books: \$328.98 - \$588.45)

Course #	Course Title	Credits
10-501-101	Medical Terminology	3

Credits: 3 Lecture Hours: 54

This course focuses on the component parts of medical terms: prefixes, suffixes and word roots. Students practice formation, analysis and reconstruction of terms. Emphasis on spelling, definition and pronunciation. Introduction to operative, diagnostic, therapeutic and symptomatic terminology of all body systems, as well as systemic and surgical terminology.

10-806-177 General Anatomy & Physiology \*OR\*

Credits: 4 Lecture Hours: 54 Lab Hours: 36

Students examine basic concepts of human anatomy and physiology as they relate to health sciences. Students use a body systems approach to analyze the interrelationships between structure and function at the gross and microscopic levels of organization of the entire human body. They apply basic concepts of whole body anatomy and physiology to make informed decisions as health care professionals and to communicate professionally with colleagues and patients.

20-806-207 Anatomy and Physiology I 4

Credits: 4 Lecture Hours: 54 Lab Hours: 36

Features lectures and laboratory dealing with the human body as an integrated structural and functional unit, including basic anatomical and directional terminology, fundamental concepts and principles of cell biology, histology, integumentary, skeletal, muscular, endocrine, and nervous systems, and the special senses. It includes the dissection of various fresh and preserved materials as well as the examination of a human cadaver. This course is the first semester of a two-semester sequence. Corequisite: High school chemistry or college chemistry with a minimum grade of C, or Fundamentals of Chemistry (10-806-109) or Medical Terminology (10501-101)

7

**Semester 02** (Tuition: \$2,120 Books: \$659.85)

Course #	Course Title	Credits
10-501-107	Digital Literacy for Healthcare	2

Credits: 2 Lecture Hours: 18 Lab Hours: 36

Provides an introduction to basic computer functions and applications utilized in contemporary healthcare settings. Students are introduced to the hardware and software components of modern computer systems and the application of computers in the workplace. Emphasizes the use of common software packages, operating systems, file management, word processing, spreadsheet, database, Internet, and electronic mail.

10-530-162 Foundations of HIM 3

Credits: 3 Lecture Hours: 54

Introduces learners to the healthcare delivery system and the external forces that influence healthcare delivery. Sets an understanding for the expectations and standards related to professional ethics, confidentiality and security of health information. Differentiates the use and structure of healthcare data elements, data standards, and the relationships between them. Prepares learners to collect and maintain health data to ensure a complete and accurate health record. Note: Students must have already completed or have concurrent enrollment in Digital Literacy for Healthcare (10-501-107). Corequisites: Digital Literacy for Healthcare (10-501-107)

10-530-182 Human Diseases for Hlth Profes 3

Credits: 3 Lecture Hours: 54

Prepares learners to interpret clinical documentation that they will encounter in a variety of healthcare settings. Emphasis is placed on understanding the common disorders and diseases of each body system to include the etiology (cause), signs and symptoms, diagnostic tests and results, and medical treatments and surgical procedures. Prerequisites: Medical Terminology (10-501-101) General Anatomy & Physiology (10-806-177) or Basic Anatomy (10-806-189)

10-530-197 ICD Diagnosis Coding 3

Credits: 3 Lecture Hours: 36 Lab Hours: 36

Prepares students to assign ICD diagnosis codes supported by medical documentation with entry level proficiency. Students apply instructional notations, conventions, rules, and official coding guidelines when assigning ICD diagnosis codes to case studies and actual medical record documentation. Note: Students must have already completed or have concurrent enrollment in Human Diseases for the Health Professions (10-530-182). Prerequisites: General Anatomy & Physiology (10-806-177) or Anatomy and Physiology I (20-806-207) Pre/Co-requisites: Human Diseases for Hlth Profes (10-530-182)

10-530-199 ICD Procedure Coding 2

Credits: 2 Lecture Hours: 18 Lab Hours: 36

Prepares students to assign ICD procedure codes supported by medical documentation with entry level proficiency. Students apply instructional notations, conventions, rules, and official coding guidelines when assigning ICD procedure codes to case studies and actual medical record documentation. Corequisites: Human Diseases for Hlth Profes (10-530-182)

13

**Semester 03** (Tuition: \$2,290 Books: \$399.97)

<b>Course #</b>	<b>Course Title</b>	<b>Credits</b>
10-530-159	Health Revenue Management	3

Credits: 3 Lecture Hours: 36 Lab Hours: 36

Prepares learners to compare and contrast health care payers, evaluate the reimbursement cycle and compliance with regulations. Learners assign payment classifications with entry level proficiency using computerized encoding and grouping software. Prerequisites: Foundations of HIM (10-530-162), ICD Diagnosis Coding (10-530-197), and ICD Procedure Coding (10-530-199) Corequisites: CPT Coding (10-530-184)

10-530-165 Intermediate Coding 3

Credits: 3 Lecture Hours: 18 Lab Hours: 72

Prepares students to assign ICD and CPT/HCPCS codes supported by medical documentation and official coding guidance to support appropriate reimbursement. Students will participate in CDI activities, including preparation of appropriate physician queries in accordance with compliance guidelines. Prerequisites: ICD Diagnosis Coding (10-530-197) Corequisites: CPT Coding (10-530-184) Pre/Co-requisites: Health Revenue Management (10-530-159) and ICD Procedure Coding (10-530-199)

