

# Medical Coding Specialist

31-530-2 Technical Diploma (one-year)

Financial Aid Eligible

Campus: Online

## Program Overview

The Medical Coding Specialist reviews medical documentation provided by physicians and other healthcare providers and translates this into numeric codes. The coding specialist assigns and sequences diagnostic and procedural codes using universally-recognized coding systems. Several uses of coded data are for payment of healthcare claims, statistics and medical research.

## Special Features

- All courses will be offered online
- The program may be completed in a full-time or part-time format
- Students completing the one-year Medical Coding Specialist program have the option of returning to complete the associate degree Health Information Technology program; see page 118 for information on the Health Information Technology program

## Admission Requirements

- Complete Online application form
- Have earned a high school diploma or GED certificate; current high school seniors must provide both a current high school transcript and a final (official) transcript with confer date
- Review and sign Functional Abilities Disclosure
- Complete admissions meeting with a Northwood Tech counselor (academic admission requirements apply - see page 33 for more information)

## Program-Specific Requirements

- Review and complete the computer skills inventory
- Review Medical Coding Specialist program orientation materials
- Meet with Medical Coding Specialist program advisor to determine program sequencing and completion goals

## Program Outcomes

Medical Coding Specialist graduates will be able to:

- Collect health data
- Model professional behaviors and ethics
- Use electronic applications to support coding and data collection
- Apply coding and reimbursement systems

## Career Outlook

Typical positions available after graduation include:

- Medical Coding Specialist
- Clinical Coding Specialist
- Claims Analyst

## Career Pathway

The Medical Coding Specialist program is a pathway into the following program (page 232):

- Health Information Technology

## Required Courses

Number	Course Title	Credits (cr.)
<b>Program Courses</b>		
10501107	Digital Literacy for Healthcare	2 cr.
10530159	Healthcare Revenue Management*	3 cr.
10530162	Foundations of HIM*	3 cr.
10530165	Intermediate Coding*	3 cr.
10530182	Human Disease for the Health Professions*	3 cr.
10530184	CPT Coding*	3 cr.
10530197	ICD Diagnosis Coding*	3 cr.
10530199	ICD Procedure Coding*	2 cr.
Program Courses Total		22 cr.
<b>General Education Courses</b>		
10501101	Medical Terminology	3 cr.
10806177	General Anatomy and Physiology#	4 cr.
General Education Courses Total		7 cr.
<b>TOTAL CREDITS</b>		<b>29 cr.</b>

\* Requires a prerequisite and/or corequisite that must be completed with a grade point of 2.0 or better.

# See pages 38-41 for course descriptions.

You must earn a grade point of 2.0 or better in all required courses.

Course repeat policies exist that allow for only a certain number of retakes within this program; please refer to the policies for details

# Course Descriptions

(See pages 38-41 for General Education course descriptions)

## 10501101

### Medical Terminology - Credits: 3

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

## 10501107

### Digital Literacy for Healthcare - Credits: 2

The focus of this course is the use of technology in healthcare. Learners use common business software applications, including word processing, presentation, spreadsheet, and databases. Communication methods using technology are addressed. Learners gain experience with using the electronic health record (EHR). Healthcare EHR security issues, social media use, and digital healthcare resources are examined.

## 10530159

### Healthcare Revenue Management - Credits: 3

Prepares learners to compare and contrast health care payers and evaluate the reimbursement cycle and compliance with regulations. Learners assign payment classifications with entry level proficiency using computerized encoding and grouping software. COREQUISITES: 10530162 Foundations of HIM, 10530182 Human Disease for the Health Professions, 10530184 CPT Coding, 10530197 ICD Diagnosis Coding, and 10530199 ICD Procedure Coding.

## 10530162

### Foundations of HIM - Credits: 3

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. PREREQUISITE: Admission to plan 105301 Health Information Technology or 315302 Medical Coding Specialist and COREQUISITE: 10501107 Digital Literacy for Healthcare.

## 10530165

## Intermediate Coding - Credits: 3

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: 10530184 CPT Coding and 10530197 ICD Diagnosis Coding and successful completion of COREQUISITE: 10530199 ICD Procedure Coding is required prior to taking Intermediate Coding.

## 10530182

### Human Disease for the Health Professions - Credits: 3

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. PREREQUISITE: Admission to plan 105301 Health Information Technology or 315302 Medical Coding Specialist and COREQUISITES: 10501101 Medical Terminology and 10806177 General Anatomy and Physiology.

## 10530184

### CPT Coding - Credits: 3

Prepares learners to assign CPT/HCPCS codes, supported by medical documentation, with entry level proficiency. Learners apply instructional notations, conventions, rules, and official coding guidelines when assigning codes to case studies and actual medical record documentation. COREQUISITES: 10501101 Medical Terminology, 10530182 Human Disease for the Health Professions and 10806177 General Anatomy and Physiology.

## 10530197

### ICD Diagnosis Coding - Credits: 3

Prepares students to assign ICD diagnosis codes supported by medical documentation. Students apply instructional notations, conventions, rules, and official coding guidelines when assigning ICD diagnosis codes to case studies and actual medical record documentation. PREREQUISITE: Admission to plan 105301 Health Information Technology or 315302 Medical Coding Specialist and COREQUISITES: 10501101 Medical Terminology, 10530182 Human Disease for the Health Professions and 10806177 General Anatomy and Physiology.

## 10530199

### ICD Procedure Coding - Credits: 2

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. PREREQUISITES: Admission to plan 105301 Health Information Technology or 315302 Medical Coding Specialist 10501101 Medical Terminology, and 10806177 General Anatomy and Physiology and COREQUISITE: 10530182 Human Disease for the Health Professions.