

Course discipline/number/title: HIMC 2030: Advanced Coding

A. CATALOG DESCRIPTION

1. Credits: 3
2. Hours/Week: 1 Lecture, 4 lab
3. Prerequisites (Course discipline/number): HIMC 1820, HIMC 2010 and HIMC 2020.
4. Other requirements: College level reading skills, appropriate score on RCTC placement test or completion of appropriate developmental course with grade of C or better.
5. MnTC Goals (if any): NA

B. COURSE DESCRIPTION: Students will continue using the principles of ICD-10-CM, ICD-10-PCS, and CPT/HCPCS coding to ensure proficiency in coding using patient records and advanced concepts of coding. Students will adhere to current regulations and established guidelines in code assignment. Students will use electronic applications and work processes to support clinical classification and coding. College level reading skills, appropriate score on RCTC placement test or completion of appropriate developmental course with grade of C or better.

C. DATE LAST REVISED (Month, year): February, 2019

D. OUTLINE OF MAJOR CONTENT AREAS:

1. Encoder products
 - a) 3M Coding and Reimbursement System
 - b) Nuance Clintegrity Facility and Physician Coding, Compliance, and Abstracting
2. Application of the International Classification of Disease (ICD-10-CM) diagnostic codes
 - a) Certain Infectious and Parasitic Diseases
 - b) Neoplasms
 - c) Diseases of the Blood and Blood-forming Organs and Certain Disorders Involving the Immune Mechanism
 - d) Endocrine, Nutritional, and Metabolic Diseases
 - e) Mental, Behavioral, and Neurodevelopmental Disorders
 - f) Diseases of the Nervous System
 - g) Diseases of the Eye and Adnexa
 - h) Diseases of the Ear and Mastoid Process
 - i) Diseases of the Circulatory System
 - j) Diseases of the Respiratory System
 - k) Diseases of the Digestive System
 - l) Diseases of the Skin and Subcutaneous Tissue
 - m) Diseases of the Musculoskeletal System and Connective Tissue
 - n) Diseases of the Genitourinary System
 - o) Pregnancy, Childbirth, and the Puerperium
 - p) Certain Conditions Originating in the Perinatal Period
 - q) Congenital Malformations, Deformations, and Chromosomal Abnormalities
 - r) Symptoms, Signs, and Abnormal Clinical and Laboratory Findings, Not Elsewhere Classified
 - s) Injury, Poisoning, and Certain Other Consequences of External Causes
 - t) External Causes of Morbidity
 - u) Factors Influencing Health Status and Contact with Health Services
3. Application of the International Classification of Disease (ICD-10-PCS) procedure coding system codes
 - a) Medical and Surgical Section
 - b) Obstetrics Section
 - c) Placement Section
 - d) Administration Section
 - e) Measurement and Monitoring Section
 - f) Extracorporeal or Systemic Assistance and Performance Section
 - g) Extracorporeal or Systemic Therapies Section
 - h) Osteopathic Section
 - i) Other Procedures Section

D. OUTLINE OF MAJOR CONTENT AREAS: Continued. . .

- j) Chiropractic Section
- k) Imaging Section
- l) Nuclear Medicine Section
- m) Radiation Therapy Section
- n) Physical Rehabilitation and Diagnostic Audiology Section
- o) Mental Health Section
- p) Substance Abuse Treatment Section
- q) New Technology Section
- 4. Application of Current Procedural Terminology (CPT) codes
 - a) Modifiers
 - b) Evaluation and Management codes
 - c) Anesthesia codes
 - d) Surgery codes
 - e) Radiology codes
 - f) Pathology and Laboratory codes
 - g) Medicine codes
 - h) HCPCS Category II codes
 - i) HCPCS Category III codes
- 5. Coding Conventions and Formatting
- 6. Coding Guidelines
- 7. Documentation requirements
- 8. Potential abuse and fraudulent trends

E. LEARNING OUTCOMES (GENERAL): The student will be able to:

- 1. Apply procedure codes according to current guidelines.
- 2. Evaluate the accuracy of diagnostic and procedural coding.
- 3. Apply diagnostic/procedural groupings.
- 4. Evaluate the accuracy of diagnostic/procedural groupings.
- 5. Analyze the documentation in the health record to ensure it supports the diagnosis and reflects the patient's progress, clinical findings, and discharge status.
- 6. Utilize software in the completion of HIMC processes.
- 7. Apply policies and procedures for the use of data required in healthcare reimbursement.
- 8. Analyze current regulations and established guidelines in clinical classification systems.
- 9. Determine accuracy of computer assisted coding assignment and recommend corrective action.
- 10. Develop appropriate physician queries to resolve data and coding discrepancies.

F. LEARNING OUTCOMES (MNTC): NA

G. METHODS FOR EVALUATION OF STUDENT LEARNING: Methods may include but are not limited to:

- 1. Textbook assignments
- 2. Coding cases
- 3. Online discussions
- 4. Papers

H. RCTC CORE OUTCOME(S). This course contributes to meeting the following RCTC Core Outcome(s):
Critical Thinking. Students will think systematically and explore information thoroughly before accepting or formulating a position or conclusion.

I. SPECIAL INFORMATION (if any): None