

HUDSON VALLEY COMMUNITY COLLEGE
TROY, NEW YORK

COURSE OUTLINE

COURSE TITLE: Advanced Medical Coding And Reimbursement

COURSE SUBJECT AND NUMBER: HITC 104

DEPARTMENT: Computing and Information Sciences

CREDIT HOURS: 3

CONTACT HOURS: 3 Lecture

SEMESTER COURSE IS OFFERED: Fall Spring Summer

OFFERED DISTANCE LEARNING: Yes No

PREREQUISITES (list): Yes No

HITC 103 Introduction to Medical Coding,Health Insurance & Reimbursement

COREQUISITES (list): Yes No

PREREQUISITE(S) OR COREQUISITE(S): Yes No

TEXT(S):

The Next Step Advanced Medical Coding 2017-2018

By: Carol Buck

ISBN: 9780323430777

Elsevier

Step By Step Medical Coding ICD-10 Package

By: Carol Buck

Elsevier

Understanding Health Insurance 13th ed

By: Green

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ELSEVIER

ISBN:9781305647428

LAB FEES: Yes No

FINAL EXAM: _____ Final Exam X Final Project

ORIGINAL SUBMISSION DATE: 11/26/07

CURRICULUM COMMITTEE APPROVED REVISION DATE:

PREPARED BY: Mary Beth Farr

COURSE DESCRIPTION: This course offers an advanced study of the ICD-9-CM, CPT-4 and HCPCS coding systems with emphasis on accurate code sequencing of complex medical/surgical cases. Students will use case studies, health records and federal regulations regarding payment systems and methods of reimbursement. Students will work with both inpatient and outpatient claims forms to gain knowledge of the billing process. However, emphasis will be placed on coding in the outpatient setting. Students will investigate through assigned research reimbursement and coding topics including: DRGs, APCs, RBRVs, Chargemasters, Coding Compliance, ICD-10, encoding and grouping software. Students will use encoder/grouper software.

ACTIVITIES AND ASSIGNMENTS:

Lecture and class discussion

- Computer based research
- Laboratory assignments
- Tests/Quizzes
- Coding Project or Research/Presentation

GRADE COMPUTATION:

Activities, Tests and Assignments: 75%

Coding Project or Research/Presentation: 25%

ADA COMPLIANCE: In compliance with the Americans with Disabilities Act of 1990 and with Section 504 of the Rehabilitation Act, Hudson Valley Community College is committed to ensuring educational access and accommodations for all its registered students, in order to fully participate in programs and course activities or to meet course requirements. Hudson Valley Community College's students with documented disabilities and medical conditions are encouraged to access these services by registering with the Center for Access and Assistive Technology to discuss their particular needs for accommodations. For information or an appointment contact the Center for Access and Assistive Technology, located in room 130 of the Siek Campus Center or call 518-629-7154/TDD: 518-629-7596 .

STUDENT BEHAVIORAL OBJECTIVES:

Students will demonstrate the ability to do the following in projects and assessments:

Abstract and code information from the patient record to validate coding selections.

Accurately sequence code assignment to maximize reimbursement in an outpatient setting.

Research advanced topics relative to medical coding, insurance and reimbursement.

SEMESTER OUTLINE:

I. Evaluation and Management Services

- E/M Review – The Basics Hospital Inpatient Services Diagnosis Coding

Chapter 1 – Evaluation and Management Services

- Consultations, Prolonged Services, Physician Standby, and Critical Care Services
- Office and Other Outpatient Services
- Hospital Observation Services
- Neonatal Care Services
- Neonatal Intensive Care (NIC)
- Preventive Medicine Services

II. Medicine

- Immunizations
- Hydration, Therapeutic, Prophylactic, and Diagnostic Injections and Infusions
- Therapeutic, Prophylactic, and Diagnostic Injections and Infusions
- Psychiatry
- Dialysis
- Noninvasive Vascular Diagnostic Studies
- Cardio-version
- Ultrasound
- Codes Reviewed Elsewhere Central Nervous System Assessment/Tests (e.g., Neuro-cognitive, Mental Status, Speech Testing)
- Health and Behavior Assessment/Intervention
- Chemotherapy Administration
- Photodynamic Therapy
- Physical Medicine and Rehabilitation
- Medicine Nutrition Therapy Osteopathic and Chiropractic Manipulative Treatment, Special Services Procedures, and Reports

III. Radiology

- Positions and Placement Component Coding Contrast Facility Specifics Diagnostic Radiology
- Ultrasound
- Radiation Oncology
- Nuclear Medicine
- Interventional Radiology

IV. Pathology and Laboratory

- Types of Services Superbill/ Requisition Form
- Organ – or Disease-Oriented Panels
- Therapeutic Drug Assays
- Urinalysis and Chemistry
- Chemistry
- Hematology and Coagulation
- Coagulation
- Immunohematology
- Immunology
- Body Fluid
- Office Testing
- Other Laboratory and Pathology Services
- Evocative/Suppression Testing
- Transfusion Medicine
- Microbiology
- Anatomic Pathology
- Consultations (Clinical Pathology)
- Cytopathology and Cytogenic Studies
- Surgical Pathology
- Other Procedures
- Pathology and Laboratory Section Review

V. Integumentary System

- Debridement
- Skin Tags
- Lesion Excision
- Nails
- Repair (Closure)
- Adjacent Tissue Transfer or Rearrangements
- Skin Grafts
- Pressure Ulcers
- Breast Procedures

VI. Cardiovascular System

- Evaluation and Management Services
- Cardiac Artery Bypass Grafts
- Pacemaker
- Stress tests
- Cardiac Catheterization
- Miscellaneous Reports

VII. Digestive System, Hemic/ Lymphatic System, and Mediastinum/ Diaphragm

- Digestive System – E/M Services
- External Procedures
- Endoscopy Procedures
- Rectal Procedures
- Laparoscopic Procedures
- Incisional (Open) Surgical Procedures
- Hemic/Lymphatic System

VIII. Musculoskeletal System

- Arthrocentesis
- Fixation

- Excision
- Repair, Revisions, and Reconstruction
- Fractures
- Amputation
- Arthroscopy

IX. Respiratory System

- E/M Services
- Medicine Services
- Septoplasty and Turbinates
- Thoracentesis
- Tracheostomy
- Endoscopy Procedures

X. Urinary, Male Genital, and Endocrine Systems

- Urinary System
- Chronic Renal Failure
- Nephrostomy Tube
- Nephrectomy
- Renal Calculus
- Urodynamics
- Stress Incontinence
- Bladder Rupture
- Hydronephrosis
- Bladder Stones
- Urethral Strictures

XI. Male Genital System

- Hemangioma
- Balanitis and Circumcision
- Vasectomy

- Hydrocele
- Prostate Specific Antigen
- Prostate Cancer
- Staging
- Cryoablation
- Endocrine System

XII. Female Genital System and Maternity Care/Delivery

- Female Genital System
- Evaluation and Management
- Surgical Procedures
- Pelvic Pain
- Dysfunctional Uterine Bleeding
- Maternity Care/Delivery
- Routine Obstetric Care
- Echography Cesarean Section

XIII. Nervous System

- Twist Drill or Burr Holes
- Craniotomy Subdural Hematoma
- Stealth Surgery
- Cranioplasty
- Shunts
- Lumbar Puncture
- Pump Implantation
- Laminotomy and Foraminotomies
- Spinal Fusion
- Neurology and Neuromuscular Procedures

XIV. Eye and Auditory Systems

- Eye

- Eye Examinations
- Cataracts
- Photocoagulation
- Ectropion and Entropion
- Ear
- Office Services

XV. Myringotomy and Tympanostomy

XVI. Anesthesia

XVII. Anesthesia Section Format Moderate (Conscious) Sedation

XVIII. Qualifying Circumstances

XIX. Physical Status Modifiers

XX. Anesthesia Services in the Hospital Setting