RARITAN VALLEY COMMUNITY COLLEGE
ACADEMIC COURSE OUTLINE

HITC–290 MEDICAL CODING CAPSTONE

I. Basic Course Information

A. Course Number and Title: HITC - 290 Medical Coding Capstone Course

B. New or Modified Course: Modified

C. Date of Proposal: Semester: Fall Year: 2010

D. Sponsoring Department: Health Science Education

E. Semester Credit Hours: 2

F. Weekly Contact Hours: Lecture: 0 Laboratory: 4

G. Prerequisites/Co-requisites: HITC-156 Advanced ICD-9-CM and CPT-4 Coding

H. Laboratory Fees: Yes

I. Department Chair: Patrice Case pcase@raritanval.edu

II. Catalog Description

Prerequisites: HITC-156 Advanced ICD-9-CM and CPT-4 Coding

Students in this course will gain practice experience applying advanced ICD-9-CM and CPT coding skills. Students will code a variety of medical records from hospitals, physicians' offices, and/or other health care settings. The training provided in this course integrates coding and classification systems, health care functions, medical disease and treatment, and health care reimbursement at an advanced level to prepare the student for employment in the health information management industry as a medical coder.
III. Statement of Course Need

This course allows the medical coding student the opportunity to put the skills they have learned in their coursework to use by coding case studies and utilizing the technology used in the industry today. This course is a capstone to the Medical Coding certificate program.

IV. Place of Course in College Curriculum

A. Free Elective
B. This course meets a program requirement for the Coding Certificate program.
C. Course transferability; for New Jersey schools go to the NJ Transfer website, [www.njtransfer.org](http://www.njtransfer.org). For all other colleges and universities go their individual websites.

V. Outline of Course Content

This course consists of practical experience in coding different is divided into 4 modules, each representing a different patient status (i.e. inpatient coding, outpatient coding, etc.). Each module includes:

A. Practical Applications
   1. Case Studies
   2. Records that reflect simple, uncomplicated conditions
   3. Records that reflect complex, complicated conditions
   4. Use of an Encoder

VI. Educational Goals and Learning Outcomes

A. Educational Goals

Students will:
1. use and maintain electronic applications and work processes to support clinical classification and coding. (GE- NJ 4)
2. apply diagnosis/procedure codes using ICD-9-CM.
3. apply procedure codes using CPT/HCPCS.
4. ensure accuracy of diagnostic/procedural groupings such as MSDRG, APC, and so on.
5. adhere to current regulations and established guidelines in code assignment.
6. validate coding accuracy using clinical information found in the health record.
7. use and maintain applications and processes to support other clinical classification and nomenclature systems (such as ICD-10-CM, SNOMED, and so on).
8. resolve discrepancies between coded data and supporting documentation.
B. Learning Outcomes

Students will be able to:
1. assign diagnoses/procedure codes using ICD and/or CPT-4 codes.
2. validate coding accuracy using clinical information found in health record.
3. use electronic applications and work processes to support clinical classification and coding.
4. apply diagnostic and procedural grouping for MSDRG’s.
5. interpret and apply regulatory coding guidelines.
6. abstract all required coding, demographic and clinical data required for reimbursement and other hospital operations.

VII. Modes of Teaching and Learning

A. independent study
B. practical assignments
C. computer-assisted instruction

VIII. Papers, Examinations, and other Assessment Instruments

A. assignments

IX. Grade Determinants

A. assignments

X. Texts and Materials

A. current ICD code book
B. current CPT-4 code book
C. current HCPCS code book

Please Note: The course outline is intended only as a guide to course content and resources. Do not purchase textbooks based on this outline. The RVCC Bookstore is the sole resource for the most up-to-date information about textbooks.

XI. Resources

A. Internet connectivity
B. Commonly available World Wide Web browser such as Microsoft Internet Explorer