



**COWLEY COLLEGE
& Area Vocational Technical School**

COURSE PROCEDURE FOR

**INTERNATIONAL CLASSIFICATION OF DISEASE
(ICD) CODING
ALH5242 3 Credit Hours**

Student Level:

This course is open to students on the college level in either the freshman or sophomore year.

Catalog Description:

ALH5242 – International Classification of Disease (ICD) Coding (3 hrs)

This course is designed to present ICD concepts into a format that follows guidelines for ‘service coding’ & ‘diagnosis coding’ in outpatient settings of clinics and hospitals. This is the first set of courses in Medical Coding.

Prerequisites:

ALH1655 Medical Terminology, ALH5230 Pharmacology, ALH5235 Allied Healthcare Provider Anatomy and Physiology and ALH5236 Pathophysiology

Corequisites:

ALH5240 Current Procedural Terminology (CPT) Coding

Controlling Purpose:

This course is designed to help the student increase their knowledge regarding advanced medical billing and coding and is first set of classes in the series of medical coding classes that should be taken concurrently to fully understand the concepts of coding in the medical profession.

Learner Outcomes:

Upon completion of the course, the student will be able to thoroughly understand the concepts of ‘service codes’, (CPT & HCPCS) and ‘diagnosis codes’ (ICD-CM) in the outpatient settings of clinics and hospitals for both the physician and the facility services. In addition, students will review and evaluate the Documentation Guidelines for Evaluation Management Services.

Units Outcomes and Clock Hours of Instruction for Core Curriculum:

The following outline defines the minimum core content not including the final examination period. Instructors may add other material as time allows.

Evaluation Key:

A = All major and minor goals have been achieved and the achievement level is considerably

- above the minimum required for doing more advanced work in the same field.
- B = All major goals have been achieved, but the student has failed to achieve some of the less important goals. However, the student has progressed to the point where the goals of work at the next level can be easily achieved.
- C = All major goals have been achieved, but many of the minor goals have not been achieved. In this grade range, the minimum level of proficiency represents a person who has achieved the major goals to the minimum amount of preparation necessary for taking more advanced work in the same field, but without any major handicap of inadequacy in his background.
- D = A few of the major goals have been achieved, but the student's achievement is so limited that he is not well prepared to work at a more advanced level in the same field.
- F = Failing, will be computed in GPA and hours attempted.
- N = No instruction or training in this area.

| UNIT 1: KBOR ALIGNED COMPETENCIES | | | | | | |
|--|---|---|---|---|---|--|
| Outcomes: The student will demonstrate an exemplary understanding of the ICD Coding. | | | | | | |
| A | B | C | D | F | N | Specific Competencies |
| | | | | | | Differentiate the structure and use of the volumes in the ICD |
| | | | | | | Apply correct coding conventions in the ICD |
| | | | | | | Assign diagnosis codes according to current guidelines |
| | | | | | | Sequence diagnosis codes according to current guidelines |
| | | | | | | Consult reference materials to facilitate code assignment |
| | | | | | | Apply the ICD Official Guidelines for Coding and Reporting |
| | | | | | | Identify discrepancies between coded data and supporting documentation |
| | | | | | | Follow the standards of ethical coding |
| | | | | | | Link CPT code to the appropriate ICD diagnosis code |
| | | | | | | Assign procedure codes according to current guidelines |
| | | | | | | Sequence procedure codes according to current guidelines |
| | | | | | | Apply the ICD Official Guidelines for Coding and Reporting |
| | | | | | | Identify discrepancies between coded data and supporting documentation |

UNIT 2: REVIEW OF THE ICD-CM AND CPT

Outcomes: The student will demonstrate an exemplary understanding of the ICD-CM and CPT coding manuals.

| A | B | C | D | F | N | Specific Competencies |
|---|---|---|---|---|---|---|
| | | | | | | Defend the use of the CPT & ICD-CM Manuals. |
| | | | | | | Integrate the ability to properly code using the CPT & ICD-CM guidelines. |
| | | | | | | Perform ICD-CM coding conventions when assigning cases. |
| | | | | | | Evaluate the ICD-CM Tabular Index, Alphabetic Index and Procedures Index. |
| | | | | | | Explain the ICD-CM and CPT manuals. |

UNIT 3: ICD-CM, HCPCS AND CPT CODING APPLICATION

Outcomes: The student will demonstrate the ability to utilize the ICD-CM, HCPCS and CPT coding manuals in contextually appropriate situations.

| A | B | C | D | F | N | Specific Competencies |
|---|---|---|---|---|---|---|
| | | | | | | Demonstrate an understanding of CPT, ICD-CM & HCPCS coding in the overall application to a medical claim. |
| | | | | | | Apply knowledge of Body System Coding for diagnosis coding. |
| | | | | | | Apply knowledge of ICD-CM Tabular Listing, Alphabetic Index and Procedures Index. |
| | | | | | | Understand and apply outpatient coding guidelines. |
| | | | | | | Understand and apply knowledge of basic Healthcare Reimbursement including Medicare, Medicaid & Federal and State Workers' Compensation Programs. |
| | | | | | | Understand and apply HIPPA regulations. |

Projects Required:

Varies, see course syllabus.

Textbook:

Contact Bookstore for current textbook.

Materials/Equipment Required:

Computer, Printer and Internet access.

Attendance Policy:

Students should adhere to the attendance policy outlined by the instructor in the course syllabus.

Grading Policy:

The grading policy will be outlined by the instructor in the course syllabus.

Maximum class size:

Based on classroom occupancy

Course Time Frame:

The U.S. Department of Education, Higher Learning Commission and the Kansas Board of Regents define credit hour and have specific regulations that the college must follow when developing, teaching and assessing the educational aspects of the college. A credit hour is an amount of work represented in intended learning outcomes and verified by evidence of student achievement that is an institutionally-established equivalency that reasonably approximates not less than one hour of classroom or direct faculty instruction and a minimum of two hours of out-of-class student work for approximately fifteen weeks for one semester hour of credit or an equivalent amount of work over a different amount of time. The number of semester hours of credit allowed for each distance education or blended hybrid courses shall be assigned by the college based on the amount of time needed to achieve the same course outcomes in a purely face-to-face format.

Refer to the following policies:

[402.00 Academic Code of Conduct](#)

[263.00 Student Appeal of Course Grades](#)

[403.00 Student Code of Conduct](#)

Disability Services Program:

Cowley College, in recognition of state and federal laws, will accommodate a student with a documented disability. If a student has a disability which may impact work in this class which requires accommodations, contact the Disability Services Coordinator.