CODING SPECIALIST (HLCS)

Courses

HLCS 236. Pharmacology. 2 Units.
Introduces pharmacology, including a review of pharmaceuticals used in diagnosis, prevention, and treatment of disease as commonly encountered in medical records.

HLCS 238. Essentials of Human Diseases. 3 Units.
Surveys human diseases, including the etiology, pathogenesis, and clinical manifestations of commonly encountered diseases.

HLCS 239. Introduction to Health Records Science. 3 Units.
Introduces health-care facilities and the information systems involving health records. In-depth study of health record content, confidentiality of health-care information, and professional ethics.

HLCS 241. Medical Terminology. 2 Units.
Prefixes, suffixes, and root words used in the language of medicine. Terms pertaining to pathology and surgery. Terms studied by body system: gastroenterology, cardiology, neurology, musculoskeletal, dermatology, ophthalmology, otorhinolaryngology, and respiratory.

HLCS 242. Coding I. 4 Units.
Principles and conventions of ICD-10-CM and ICD-10-PCS coding in diseases and procedures pertaining to infectious diseases; diseases of blood, endocrine, respiratory, digestive, genitourinary, skin, and musculoskeletal systems; and mental disorders.

HLCS 243. Coding II. 4 Units.
Principles and conventions of ICD-10-CM and ICD-10-PCS coding in diseases and procedures pertaining to pregnancy, perinatal conditions, poisonings, injuries, complications of medical and surgical care, the circulatory system, and neoplasms. Prerequisite: HLCS 242.

HLCS 245. Coding III. 4 Units.
Principles of current procedural coding terminology (CPT) at the intermediate level, including: surgical coding for all body systems; medical procedures; anesthesia coding; radiology, pathology, and laboratory coding for inpatient and outpatient health-care settings. Modifier assignment. Also includes laboratory practice on 3M software. Prerequisite: HLCS 243.

HLCS 247. Computer Applications in Health Care. 2 Units.
Introduces health-care information systems concepts and applications. Focuses on software application in the health-care arena. Specific topics addressed include: general system theory; data management; interoperability; health record applications (e.g., encoder, ADT-R, ROI, etc); electronic health records; personal health records; mobile technology; telemedicine; bioinformatics; heath information exchange; patient informatics applications; and emerging trends in health information technology.

HLCS 250. Reimbursement and Coding Compliance. 4 Units.
Addresses principles of billing and third-party reimbursement relating to physician professional coding and APC assignment for health-care institutions. Includes E&M coding conventions and modifiers. Covers principles of health-service billing, including billing terminologies, billing processes, and universal billing forms for various physician-practice settings. Overview of coding guideline compliance, physician querying, severity of illness systems, and clinical documentation improvement. Prerequisite or concurrent: HLCS 245.

HLCS 260. Seminar and Portfolio for Health-Care Professionals. 2 Units.
Requires development of a portfolio that illustrates mastery of the program learning outcomes. Provides students with a format to demonstrate acquisition of the knowledge and skills necessary to enter the workforce, including preparation for any relevant professional credentials, resume-building, and interview-skill development.

HLCS 292. Computer Applications in Health Care II. 1 Unit.
Introduces health-care information systems concepts and applications. Focuses on software application in the health-care arena. Specific topics addressed include: general system theory; interoperability; specific health record applications (encoder, ADT-R, ROI, etc); electronic health records; personal health records; and patient informatics applications. One hour required each week.

HLCS 961. Coding Practicum I. 2 Units.
Provides 60 hours of practical, hands-on coding experience under the direction of a practicum supervisor. Supports the application of state and national coding and reimbursement regulations to a variety of inpatient and outpatient records. Fosters an opportunity to improve coding knowledge and techniques in preparation to enter the workforce.

HLCS 962. Coding Practicum II. 2 Units.
Continuation of HLCS 961. Provides 60 hours of practical, hands-on coding experience under the direction of a practicum supervisor. Supports the application of state and national coding and reimbursement regulations to a variety of inpatient and outpatient records. Fosters an opportunity to improve coding knowledge and techniques in preparation to enter the workforce. Prerequisite: HLCS 961.