MEDR - 1114 Intro to Health Info Management, 4.00 Credits
Prerequisite(s): COMP 1503 with C or better * and ( BIOL 1114 with C or better * or BIOL 1404 with C or better )
Level: Lower
This is a lecture- and lab-based online course that covers the study of health record content, documentation, compliance with regulations and standards; the role of HIM professionals; data retention, storage, and retrieval, and destruction; release of information, privacy, confidentiality, and HIPAA; legal and ethical issues related to healthcare documentation; the principles to the practice of HIM; primary and secondary use of data; and healthcare organizations and delivery systems.

MEDR - 1132 Essentials of Pharmacology, 2.00 Credits
Prerequisite(s): MEDR 1133 with C or better
Level: Lower
This is a lecture-based online course for those entering a health care profession, and it covers the study of basic concepts and terminology associated with medication structure, function, interaction, and administration. Core concepts in pharmacology are introduced, including terminology, consumer safety and drug regulations, sources and bodily effects of drugs, medication preparation, abbreviations and systems of measurements, responsibilities, and principles of drug administration. Students also identify diseases associated with certain medications as well as medications that would be prescribed for certain diseases. Commonly used drugs are organized according to classification, and each classification is described along with characteristics of typical drugs, purpose, side effects, cautions and interactions. Patient education for each category is included.

MEDR - 1133 Medical Terminology, 3.00 Credits
Prerequisite(s): BIOL 1114 with C or better * or BIOL 1404 with C or better
Level: Lower
This is a lecture-based online course that includes the study of body systems and functions, including the structure, meaning, and use of medical terms related to diseases and operations of the human body. Body systems studied include integumentary, musculoskeletal, nervous, sensory organs, endocrine, cardiovascular, respiratory, reproductive, genitourinary, and digestive. Units on psychiatry, psychology and pharmacology (drugs) are also covered. Students also learn how to use research medical information (e.g., such as reputable electronic medical references).

MEDR - 1223 Hlth Data Mgmt & Hlthcare Stat, 3.00 Credits
Prerequisite(s): MEDR 1114 with C or better
Level: Lower
This is a lecture and lab-based online course. Topics of study include health data management (data collection, validity, and accuracy), data governance and information governance, analytics and decision support, secondary data sources, clinical indices, databases, and registries. Reporting of data, healthcare report generation, presentation of data, graphic representation, healthcare descriptive statistics (census, percent of occupancy, length of stay, healthcare rates), measures of central tendency (frequency distribution), vital statistics data and rates, research methods, productivity, staffing levels, and budgeting will be covered.

MEDR - 1234 ICD-10-CM & ICD-10-PCS Coding, 4.00 Credits
Prerequisite(s): MEDR 1114 with C or better and ( BIOL 2214 with C or better * or BIOL 2504 with C or better ) and BIOL 4403 with C or better * and MEDR 1223 with C or better * and MEDR 1132 with C or better *
Level: Lower
This is a lecture- and lab-based online course that includes a study of clinical classification systems (e.g., ICD-10-CM and ICD-10-PCS) and reimbursement methodologies. Topics of study include the use and maintenance of electronic applications and work processes that support clinical classification and coding; assignment of diagnosis and procedure codes using current nomenclature (paper-based coding manuals and encoder software); ensuring the accuracy of diagnostic and procedural groupings (e.g., DRGs, MS-DRGs); interpretation of regulations and coding guidelines; validation of coding accuracy by using clinical information located in the health record; use and maintenance of applications and processes to support other clinical classification and nomenclature systems (e.g., DSM-IV-TR, SNOMED-CT); and use of clinical data for reimbursement and prospective payment systems.

MEDR - 1244 CPT & HCPCS Level II Coding, 4.00 Credits
Prerequisite(s): ( MEDR 1114 with C or better and MEDR 1132 with C or better ) and ( BIOL 2214 with C or better * or BIOL 2504 with C or better ) and BIOL 4403 with C or better * and MEDR 1223 with C or better * and MEDR 1234 with C or better *
Level: Lower
This is a lecture- and lab-based online course that includes an intermediate and advanced study of the ICD-10-CM and ICD-10-PCS (abbreviated as ICD-10-CM/PCS), CPT, and HCPCS level II classification systems. Application-based assignments allow students to demonstrate their mastery of coding conventions, coding principles, and official inpatient and outpatient coding guidelines. Students use inpatient and outpatient (e.g., ambulatory surgery, emergency department, physician office) cases studies and patient records to assign codes to diagnosis/procedure statements and generate physician queries. ICD-10-CM, ICD-10-PCS, CPT, and HCPCS level II coding manuals and encoders (e.g., CodeFinder, CodeCorrect.com, Encoder Pro, Quantim) are required. Students generate diagnosis-related groups (DRGs) and ambulatory patient classifications (APCs) for inpatient and outpatient cases, respectively, and complete assignments to master other prospective payment systems (e.g., ambulatory surgical center payments, resource utilization groups, home health resource groups).

MEDR - 2614 Advanced Coding & Reimbursement, 4.00 Credits
Prerequisite(s): MEDR 1234 with C or better and MEDR 1244 with C or better
Level: Lower
This is a lecture- and lab-based online course that includes intermediate and advanced study of the ICD-10-CM and ICD-10-PCS (abbreviated as ICD-10-CM/PCS), CPT, and HCPCS level II classification systems. Application-based assignments allow students to demonstrate their mastery of coding conventions, coding principles, and official inpatient and outpatient coding guidelines. Students use inpatient and outpatient (e.g., ambulatory surgery, emergency department, physician office) cases studies and patient records to assign codes to diagnosis/procedure statements and generate physician queries. ICD-10-CM, ICD-10-PCS, CPT, and HCPCS level II coding manuals and encoders (e.g., CodeFinder, CodeCorrect.com, Encoder Pro, Quantim) are required. Students generate diagnosis-related groups (DRGs) and ambulatory patient classifications (APCs) for inpatient and outpatient cases, respectively, and complete assignments to master other prospective payment systems (e.g., ambulatory surgical center payments, resource utilization groups, home health resource groups).

MEDR - 3114 Electronic Health Record Mgmt, 4.00 Credits
Prerequisite(s): MEDR 1114 with C or better and MEDR 1223 with C or better *
Level: Lower
This is a lecture- and lab-based online course that includes the study of a healthcare information requirement and standards, healthcare statistics and research with an emphasis on data quality and integrity; quality management and performance improvement; healthcare delivery systems with an emphasis on external standards, regulations, and initiatives; and healthcare privacy, confidentiality, and legal, and ethical issues.

MEDR - 4111 Health Informatin Tech Seminar, 1.00 Credit
Prerequisite(s): MEDR 1114 with C or better and MEDR 1223 with C or better and ( MEDR 5114 with C or better or MEDR 3114 with C or better ) and MEDR 1244 with C or better and MEDR 1234 with C or better and MEDR 3414 with C or better and MEDR 4214 with C or better * and MEDR 4514 with C or better * and MEDR 4312 with C or better * and MEDR 4322 with C or better *
Level: Lower
A lecture-based online course that includes content new to the health information management (HIM) profession and to which students did not receive instruction in previous course(s). Examples of such content includes, but is not limited to, new and revised coding classification systems, federal and state statutes (laws) and regulations, information technology initiatives, and so on. Appropriate preparation for taking the Registered Health Information Technology (RHIT) exam is integrated throughout the course, during which students will complete practice exams in HIM content areas and interact with the instructor(s) in discussion board forums to receive clarification about concepts and study techniques. This course should be taken in the student’s last semester of study.

MEDR - 4213 Leadership in Health Info Tech, 3.00 Credits
Prerequisite(s): MEDR 3414 with C or better and MEDR 4514 with C or better *
Level: Lower
This is a lecture-based online health information technology course covering the study of leadership topics specific to health information technology including team leadership; change management; work processes and goals; utilization of data in management roles; labor regulations; resource requisitions; training and development methodology, cultural issues affecting health, healthcare quality, cost, and programs; and policies that support a culture of diversity.

MEDR - 4214 Insurance/Reimbursement Processing, 4.00 Credits
Prerequisite(s): MEDR 1114 with C or better and MEDR 1223 with C or better and MEDR 1244 with C or better and MEDR 1234 with C or better
Level: Lower
This is a lecture- and lab-based online course that includes a study of clinical classification systems, reimbursement methodologies, and financial management. The course includes completion of CMS-1500 (UB-04) and CMS-1500 claims for inpatient, outpatient, emergency department, and physician office encounters as well as a review of inpatient and outpatient cases to identify issues of fraud and abuse.
MEDR - 4312 Intro to HIM PPE, 2.00 Credits
Prerequisite(s): MEDR 1114 with C or better and MEDR 1223 with C or better and ( MEDR 5114 with C or better or MEDR 3114 with C or better ) and MEDR 1244 with C or better and MEDR 1234 with C or better and MEDR 4214 with D or better * and MEDR 4514 with D or better * and BIOL 1114 with C or better and BIOL 2214 with C or better and BIOL 4403 with C or better
Level: Lower
Applied Learning-Practicum, Clinical Liability Insurance
A professional practical experience (PPE) that includes a combination of Internet-based laboratory projects/assignments and the completion of on-site hours in the health information management (HIM) department of a hospital (or other healthcare facility) with adequate facilities to provide varied work opportunities in HIM. Internet-based laboratory HIM projects/assignments are evaluated by college faculty. On site at the hospital (or other healthcare facility), students will work under the supervision of a qualified Registered Health Information Administrator, Registered Health Information Technician or other qualified personnel to whom they are assigned. The PPE is designed to enable students to obtain actual work experience in theoretical and application-based procedures previously studied. Students will complete a maximum of 80 hours on site, which can be completed on a full-time basis (40 hours/week for two weeks) or on a part-time basis over an extended period of time (e.g., eight hours/week for 10 weeks).

MEDR - 4322 Coding PPE, 2.00 Credits
Prerequisite(s): MEDR 1114 with C or better and MEDR 1223 with C or better and ( MEDR 5114 with C or better or MEDR 3114 with C or better ) and MEDR 1244 with C or better and MEDR 1234 with C or better and MEDR 4214 with C or better * and MEDR 4514 with C or better * and BIOL 1114 with C or better and BIOL 2214 with C or better and BIOL 4403 with C or better
Level: Lower
Applied Learning-Practicum, Clinical Liability Insurance
This course is a professional practical experience (PPE) that includes a combination of Internet-based laboratory coding projects/assignments and the completion of on-site hours in the health information department of a hospital (or other healthcare facility) with adequate facilities to provide varied work opportunities in ICD-10-CM, ICD-10-PCS, CPT and HCPCS level II coding. Internet-based laboratory coding projects/assignments are evaluated by college faculty. On site at the hospital (or other healthcare facility), students will work under the supervision of a qualified Registered Health Information Administrator, Registered Health Information Technician or other qualified personnel to whom they are assigned. The PPE is designed to enable students to obtain actual work experience in theoretical and application-based procedures previously studied. Students will complete a maximum of 80 hours on site, which can be completed on a full-time basis (40 hours/week for two weeks) or on a part-time basis over an extended period of time (e.g., 8 hours/week for 10 weeks).

MEDR - 4514 Alternate Care Hlth Info Mgmt, 4.00 Credits
Prerequisite(s): MEDR 1114 with C or better * and MEDR 1223 with C or better * and ( MEDR 5114 with C or better * or MEDR 3114 with C or better *)
Level: Lower
This is a lecture- and lab-based online course that includes a study of health information management (HIM) consulting, cancer registry management, healthcare information requirements and standards in alternate healthcare settings (e.g., behavioral healthcare facilities, correctional facilities, long-term healthcare facilities, etc.), clinical classification systems for alternate health care (e.g., DSM-5, ICD-0-3, SNOMED-CT), alternate healthcare delivery systems, HIM human resources, and HIM financial and resource management.

MEDR - 4900 Directed Study, 1.00 TO 6.00 Credits
Level: Lower
An internet-based elective course for students interested in advanced work in health information management in an area of special interest. Enrollment is limited in order to allow each student the opportunity to pursue his/her area of special interest.