

MATH 2414 Analytic Geometry and Calculus II (27.0101.59 19) 4.3.3
 A continuation of the integrated study of analytic geometry and calculus. Topics will normally include: applications of integration, integration techniques, sequences and series, conics, parametric equations and polar coordinates. Prerequisite: MATH 2413.

MATH 2415 Analytic Geometry and Calculus III (27.0101.59 19) 4.3.3
 A continuation of the integrated study of analytic geometry and calculus. Topics will normally include: vectors, vector-valued functions, functions of several variables, multiple integration, and vector analysis. Prerequisite: MATH 2414.

Medical Records Coding

(Health Information Coding)

The Medical Records Coding Program is designed to prepare individuals to function effectively in the information management of the health care industry under the supervision of a medical records supervisor. As part of the information management team, the medical records coding associate will provide evidence for appropriate coding of the patient record to assist in reimbursement via private or governmental means.

The Medical Records Coding Program is approved by the American Health Information Management Association (AHIMA). (www.ahima.org)

Graduates are eligible to work in the information management areas in acute care and/or healthcare provider offices, and will be eligible to take the Certificate Examination for Coding Associate to qualify as a Certified Coding Associate (CCA).

The program begins in the Spring semester and is concluded at the end of the Spring semester of the following year.

Admissions Procedures for Medical Records Coding Program

The Medical Records Coding Program's admission application is available at the beginning of January for those who wish to apply. Completed and signed applications are accepted year-round; the core courses begin in the Summer II semester.

Along with the completed and signed application, the following must also be submitted:

- » Official high school transcript or G.E.D.
- » Official college transcripts from all colleges attended.
- » Required references at the time of applications.

To receive a Medical Records Coding application by mail or to pick one up in person, contact the Health Occupations staff at 903.782.0734.

Students who have not been enrolled in the previous five years may be requested to resubmit all transcripts.

Admission to Medical Records Coding Program is dependant upon:

- » General academic courses.
- » GPA – required courses.
- » References.
- » Available space.

CERTIFICATE IN MEDICAL RECORDS CODING (36 Credit Hours)

Spring Semester

PSYC 1100 or EDUC 1100 Learning Frameworks

HITT 1305 Medical Terminology*

ITSC 1409 Integrated Software Applications
(COSC 1401 will substitute for ITSC 1409)*

MDCA 1309 Anatomy and Physiology for Medical Assistants*

HPRS 2301 Pathophysiology*

Summer I

HPRS 2300 Pharmacology for Health Professions*

Summer II

HITT 1301 Health Data Content and Structure

Fall Semester

HITT 1345 Health Care Delivery Systems

HITT 1441 Coding and Classification Systems

HITT 1442 Ambulatory Coding

Spring Semester

HITT 2335 Coding and Reimbursement Methodologies

HITT 1266 Practicum (Field Experience)

*Students are encouraged to complete the academic support courses prior to entering the program. All must be completed with a grade of “C” or better prior to or during the semester indicated on the degree plan.

- HITT 1266 Practicum (Field Experience) - Health Information 2.0.14**
Practical, general workplace training supported by an individualized learning plan developed by the employer, college, and the student. Pre-requisite: Completion of all previous course work listed on the Medical Records Coding degree plan with a grade of “C” or better. This course requires concurrent enrollment or completion of HITT 2335.
- HITT 1301 Health Data Content and Structure 3.3.1**
This course is an introduction to systems and processes for collecting, maintaining, and disseminating primary and secondary health related information. Instruction in delivery and organizational structure to include content of health record, documentation requirements, registries, indices, licensing, regulatory agencies, forms, and screens. This course requires completion of HITT 1305, ITSC 1409, MDCA 1309, HPRS 2301, HPRS 2300. Prerequisite: Acceptance into the Medical Records Coding Program.
- HITT 1345 Health Care Delivery Systems 3.3.0**
Introduction to organization, financing, and delivery of health care services, accreditation, licensure, and regulatory agencies. Prerequisite: Completion of

all previous course work listed on the Medical Records Coding degree plan with a grade of “C” or better.

- HITT 1441 Coding and Classification Systems 4.3.3**
Application of basic coding rules, principles, guidelines, and conventions. Pre-requisite: Completion of all previous course work listed on the Medical Records Coding degree plan with a grade of “C” or better. This course requires concurrent enrollment in HITT 1442.
- HITT 1442 Ambulatory Coding 3.3.1**
Application of basic coding rules, principles, guidelines, and conventions with emphasis on ambulatory coding. Prerequisite: Completion of all previous course work listed on the Medical Records Coding degree plan with a grade of “C” or better. This course requires concurrent enrollment in HITT 1441.
- HITT 2335 Coding and Reimbursement Methodologies 3.3.0**
Development of advanced coding techniques with emphasis on case studies, health records, and federal regulations regarding perspective payment systems and methods of reimbursement. Prerequisite: Completion of all previous course work listed on the Medical Records Coding degree plan with a grade of “C” or better.
- HPRS 2300 Pharmacology for Health Professions 3.3.0**
A study of drug classifications, actions, therapeutic uses, adverse effects, methods of administration, and calculation of dosages.
- HPRS 2301 Pathophysiology 3.3.0**
A study of the pathology and general health management of diseases and injuries across the life span. Topics include etiology, symptoms, and the physical and psychological reactions to diseases and injuries.
- MDCA 1309 Anatomy and Physiology for Medical Assistants 3.3.0**
This course is an introduction to anatomy and physiology with emphasis on normal human anatomy and physiology of cells, tissues, organs, and systems with an overview of common pathophysiology. It is designed to prepare the student to enter the health information environment with entry-level knowledge of anatomy and physiology.