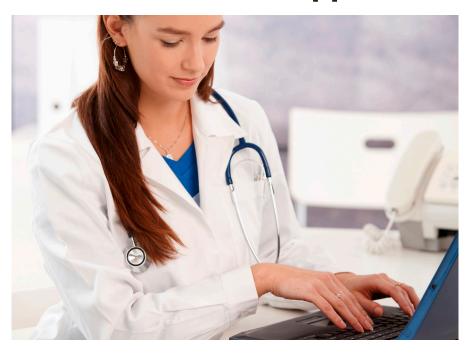
# **MEDICAL INFORMATICS**

## **Associate of Applied Science degree**



# **Program and Career Description:**

The Associate of Applied Science in Medical Informatics prepares graduates for career entry in computer technician positions in healthcare settings. Students' develop technical and nontechnical communication skills, tools/application use, legal aspects of medical office technologies, and the nuances of electronic medical record keeping, reimbursement, and billing practices. The Developer concentration emphasizes health information management in the information technology environment. The Technician concentration integrates healthcare and information technology.

#### How long is the program?

Medical Informatics (MEDI) program completion requires 4-5 semesters of full time study. Students with applicable prior college credit may be able to complete in less than two years. Students may work with an Advisor to develop a personalized academic plan for part-time study over an extended period. This program is an open enrollment opportunity and may be started during any semester. The prerequisite nature of courses may result in some courses being offered only during specific semesters.

#### What does the program provide?

The Medical Informatics A.A.S. degree provides the training needed to move rapidly into the healthcare workplace. Possible job titles for completers might include implementation support specialist, implementation manager, technical and software support staff member and trainer. Generally, positions fall into three job fields: Information Technology professional, health information management professional and clinical informatician.

#### How is the job market?

Graduates of the A.A.S. degree in Medical Informatics will be eligible for employment in various medical settings. Specific job-related supply and demand information is dependent upon the career path selected. Job related career and salary information for the chosen career field may be accessed via www.bls.gov. Health Science fields are projected to be among the top ten growing occupational areas for the foreseeable future based on both state and national employment projections.

#### **Transfer Options**

The Medical Informatics associate of applied science degree is designed for career-entry. However, some universities may accept some or all of the course work for transfer. Transfer credit is awarded at the discretion of the receiving institution. Students are advised to inquire directly with advisors at the university level regarding expectations for transfer.

www.columbiastate.edu/medinfo



### MEDICAL INFORMATICS

**Major in Medical Informatics (A.A.S.)** 

## **Program Requirements**

**Communications Requirement ENGL 1010** 

Humanities/Fine Arts (Take 1 course) ART 1035, 2000, 2020 ENGL 2055, 2130, 2160, 2235, 2310, 2320, 2860 HUM 1010, 1020 MUS 1030 PHIL 1030, 1040, 2200 **THEA 1030** 

Natural Science Requirement (Take both courses) BIOL 2010 and BIOL 2020

Social/Behavioral Sciences (Take 1 course) PSYC 1030 or PSYC 2130

**Major Required Courses** ADMN 1306, 2318 CITC 1300, 1303, 1333, 2340, 2390 **COLS 101** HIMT 1301, 1302, 1305 **INFS 1010** 

Option 1: Medical Informatics Developer CITC 1301, 1313\*, 2361

Option 2: Medical Informatics Technician CITC 1320, 1323, 1324

\*TN eCampus course.

If you have completed TN eCampus courses, run a degree audit from the student tab in myChargerNet to determine how these courses apply to this program.

## **Sample Academic Plan**

#### First Year - Fall Semester

BIOL 2010 ENGL 1010 INFS 1010 ADMN 1306 Humanities/F COLS 101	Human Anatomy & Physiology I English Composition I Computer Applications Medical Terminology I ine Arts Requirement Columbia State College Success	4 3 3 3 1 <b>17</b>
First Year - Spring	Semester	
BIOL 2020 HIMT 1301 CITC 1303 CITC 1313* CITC 1320 Social/Behavio	Human Anatomy & Physiology II Intro to Health Information Management Database Concepts (Option 1) Net Programming or (Option 2) A+ Hardware and Software oral Sciences Requirement	4 3 3 3 <b>16</b>
Second Year - Fall	Semester	
CITC 1300 CITC 1333 CITC 2340 CITC 1301 CITC 1323 HIMT 1302	Beginning HTML and CSS Linux LPIC-1 Adv. Database Concepts & Programming (Option 1) Intro to Programming & Logic or (Option 2) CCNA I HIM Legal Aspects	3 3 3 3 <b>15</b>
Second Year - Spri	ing Semester	
ADMN 2318 CITC 2390 CITC 2361 CITC 1324 HIMT 1305	Medical Office Procedures CITC Capstone (Option 1) Adv. Web Page Design & Dev. or (Option 2) CCNA II Computer Applications in Health Information	3 3 3

#### For more information contact:

**TOTAL CREDIT HOURS 60** 

Bonita R. Payne, MHIIM, RHIA medicalinformatics@columbiastate.edu or 931-540-2774 Warf 131B, Columbia Campus

Or

Health Sciences Division Office, Walter 112 (Columbia) healthsciences@columbiastate.edu 931.540.2599 or 931.540.2600

#### **Requirements for Graduation include:**

- Earn 25% of total program credits in residence at Columbia State.
- Earn a GPA of at least 2.0 in program courses.
- Earn a cumulative GPA of 2.0 or higher.
- Take the Exit Exam required by Columbia State.

Columbia State Community College, a Tennessee Board of Regents institution, is an equal opportunity, affirmative action educational institution. 2018-2019 Catalog Draft CoSCC-MI-AAS-02-14-18