

Columbia State Community College and Middle Tennessee State University

# DEGREE ADVANCEMENT PROGRAM

## ADVANCE YOUR A.A.S. INTO A BACHELOR'S DEGREE

### Columbia State Community College and Middle Tennessee State University Partnership

MTSU and CoSCC have developed an A.A.S.-to-B.S. program to allow students who earn an Associate of Applied Science in Medical Informatics at CoSCC to transfer all required credits earned for this degree to MTSU toward the completion of a Bachelor of Science in Professional Studies with a concentration in Information Technology. This degree is offered through MTSU's University College in cooperation with the Tennessee Board of Regents.

### Bachelor of Science in Professional Studies

The Bachelor of Science in Professional Studies with a concentration in Information Technology prepares the student for management positions in the fields of computer information technology. The component courses are in the fields of supervision, organizational systems, communications, statistics, and organizational relations. Other applicable courses include public relations, psychology, business etiquette, human resources, and cultural diversity, providing a broad spectrum of courses to offer preparation for a variety of careers.

Completing an A.A.S. in Medical Informatics at Columbia State Community College builds an excellent foundation and preparation for a bachelor's degree program. Sixty (60) credit hours may be transferred from CoSCC and credited toward a Bachelor of Science in Professional Studies with a concentration in Information Technology available through MTSU's University College. You may take some or all of the courses required to complete the bachelor's degree online to allow your studies to fit around your work and family responsibilities.

### How to get started

Contact the CoSCC or MTSU representative listed below.

**CoSCC:** [www.columbiastate.edu/medinfo](http://www.columbiastate.edu/medinfo)  
Health Sciences Division Office, Walter 112 or  
[healthsciences@columbiastate.edu](mailto:healthsciences@columbiastate.edu) or  
(931) 540-2599 or (931) 540-2600

**MTSU:** Molly Culbreath  
(615) 494-7714  
[molly.culbreath@mtsu.edu](mailto:molly.culbreath@mtsu.edu)

For more information about the Degree Advancement Program, please visit:

Middle Tennessee State University: [www.mtsu.edu/dap](http://www.mtsu.edu/dap)

(see reverse for course information)



CoSCC is a Tennessee Board of Regents Institution and is an affirmative action and equal opportunity employer committed to the education of a nonracially identifiable student body.

0812-68 – Middle Tennessee State University is an AA/EEO employer and does not discriminate on the basis of race, color, national origin, sex, disability, or age in its programs and activities. The following person has been designated to handle inquiries regarding the nondiscrimination policies: Executive Director of Institutional Equity and Compliance, 1301 E. Main Street, CAB 220, Murfreesboro, TN 37132, 615-898-2185. Additionally, the MTSU Title IX Coordinator, designated to monitor and oversee Title IX complaints, may be contacted at: Sam Ingram Building 2269 Middle Tennessee Blvd. Murfreesboro, TN 37132 615-898-5133, or via this webpage: <http://www.mtsu.edu/titleix/>.

Effective through Summer 2015

# A.A.S. in Medical Informatics to B.S. in Professional Studies



Associate of Applied Science  
in Medical Informatics



Bachelor of Science in  
Professional Studies  
(Information Technology Concentration)

## General Education Requirements (15 credit hours)

### Communications Requirement

ENGL 1010 English Composition I 3

### Humanities Elective

(course must meet general education requirements) 3

### Natural Sciences

BIOL 2010 Human Anatomy and Physiology I 4

BIOL 2020 Human Anatomy and Physiology II 4

### Social Science (pick one)

PSYC 1030 General Psychology 3

or PSYC 2130 Life Span Psychology 3

### Major Requirements (24 credit hours)

INFS 1010 Computer Applications 3

IST 2090 Database Applications 3

IST 2630 Web Page Development 3

IST 2800 Database Development 3

OFA 240 Medical Terminology 3

OFA 281 Medical Office Assistant 3

IST 2990 Project Integration Capstone 3

CIS 193 Introduction to Linux (RODP course) 3

HIT 115 Introduction to Health Information 4

HIT 125 Comp Applications in Health Info Tech 3

HIT 250 Legal Aspects of Health Information 3

### (Choose one concentration)

#### Medical Informatics Developer (9 credit hours)

INFS 113 Visual Basic (RODP Course) 3

INFS 173 Programming in C# (RODP Course) 3

IST 2730 Advanced Web Page Development 2

Elective 1

#### Medical Informatics Technician (9 credit hours)

IST 1500 Computer System Essentials 3

IST 1750 Computer Networking I 3

IST 2750 Computer Networking II 3

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Total Credit Hours 60

\*Additional General Education hours may be taken through CoSCC in consultation with an advisor.

#### Graduation Requirements

- A minimum of 120 total semesters hours and 45 upper-division hours with a 2.0 GPA.
- A minimum of 9 upper-division hours earned in major through MTSU.
- A minimum GPA of 2.0 in major.
- A minimum of 30 upper-division hours must be taken through MTSU.
- A minimum of 60 hours of senior college credit (credit awarded at four-year institutions).
- Some students may have high school deficiency requirements.

MTSU will accept up to 27 credit hours from courses commonly offered in a college of business toward the B.S. in Professional Studies. This does not include ECON 2410, 2420, or QM 2610. Business courses are subject to verification. The Professional Studies degree from MTSU is part of the Regents Online Degree Program and is managed by MTSU's University College. It is NOT a business degree. Concentrations taken at CoSCC requiring more than these 27 hours will result in the student taking more than 120 hours to complete the Professional Studies major at MTSU.

\*\*Students should consult with their MTSU advisors to determine courses that fulfill program requirements. A list of course options is available on the Degree Advancement Program Web site at [www.mtsu.edu/dap](http://www.mtsu.edu/dap).

## English

ENGL 1020 Research and Arg. Writing (MTSU) 3

## Speech

SPCH 1010 Fundamentals of Speech Comm 3

## History (choose two)

HIST 2010 Survey of United States History I 3

HIST 2020 Survey of United States History II 3

HIST 2030 Tennessee History 3

## Humanities and Fine Arts\*\* (choose two)

(one must be Literature) 6

## Mathematics Elective

**Social/Behavioral Sciences\*\* 3**

## Administration and Supervision (choose one)

PADM 3601 Public Administration 3

METH 4381 Principles of Supervision 3

LIST 4093 Special Topics and Leadership 3

## Organizational Systems (choose one)

PM 4120 Organizational Theory and Behavior 3

PADM 4226 Intro. to Nonprofit Organizations 3

## Team and Organizational Relations (choose one)

ORCO 3240 Intro. to Organizational Communication 3

COMM 3010 Integrated Corporate Communication 3

## Statistical Methods (choose one)

SOAA 3350 Social Statistics 3

SOCI 4510 Introduction to Social Research 3

JOUR 3410 Public Relations Research 3

## Written Communications (choose two)

ENGL 3134 Computers, Writing, and Literature 3

ENGL 3250 Professional Communication 3

JOUR 3421 Public Relations Writing 3

## International Context (choose one)

SPAN 3550 Latin America: The Countries and Peoples 3

POLI 4350 International Law 3

PS 3510 International Political Economy 3

POLS 3010 Comparative Politics 3

JOUR 4712 Mass Media and Cultures 3

## Information Technology Concentration (choose five)

PTMA 3020 Managing Information Technology 3

or MGMT 3220 Management Information Systems 3

CSC 3700 Software Analysis and Design 3

or UNIV 4706 Managing Software Development 3

COMP 3050 Programming Languages 3

or INFS 3700 Introduction to Systems Analysis 3

CSCI 3222 Database Management 3

INFS 4900 Seminar in Data Communications 3

## Capstone Course

UNIV 4995 Culminating Project 3

or PRST 4995 Culminating Project 3

## Nonbusiness Electives\*\* (3000/4000 level)

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Total Credit Hours 71