

A.A.S. in Information Systems Technology; Computer Networking/Cyber Security

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 Information Systems Technology 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 Informational 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 field of computer information technology. The component courses are in the fields of supervision, organizational systems, communications, statistics, and organizational relations. Other applicable courses include software development, programming languages, database management, and data communications, providing a broad spectrum of courses to offer preparation for a variety of careers.

Completing an A.A.S. in Information Systems Technology 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 Informational 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: Laurie Pewitt
(931) 540-2668
lpewitt2@columbiastate.edu

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

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

Middle Tennessee State University: 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 Information Systems Technology to B.S. in Professional Studies



Associate of Applied Science in
Information Systems Technology
(Computer Networking/Cyber Security)



Bachelor of Science in
Professional Studies
(Information Technology Concentration)

General Education Requirements (15 credit hours)

Communications Requirement Credits

- ENGL 1010 English Composition I 3
- SPCH 1010 Fundamentals of Speech Comm 3
- or SPCH 1030 Argumentation and Debate 3

Humanities /Fine Arts Course 3

(course must meet general education requirements)

Mathematics Requirement 3

(course must meet general education requirements)

Social and Behavioral Sciences (pick one)

- ECON 2010 Macroeconomics 3
- or ECON 2020 Microeconomics 3

Major Requirements (24 credit hours)

- ACCT 1010 Principles of Accounting I 3
- BUSN 1310 Business Writing 3
- BUSN 2375 Career Success 3
- INFS 1010 Computer Applications 3
- IST 2090 Database Applications 3
- IST 2400 Spreadsheet Applications 3
- IST 2630 Web Page Development and Design 3
- IST 2990 Project Integration Capstone 3

Computer Networking /Cyber Security Option (21 credit hours)

- CISP 1010 Computer Science I 4
- IST 1500 Computer Systems Essentials 3
- IST 1750 Computer Networking I 3
- IST 2750 Computer Networking II 3
- IST 2810 Computer Security 2
- IST 2850 Computer Networking III AND 3
- IST 2950 Computer Networking IV 3
- OR
- CJT 1015 Criminal Procedure AND 3
- CJT 2050 Intro to Cyber Security 3

Total Credit Hours 60

English Credits

- ENGL 1020 Research and Arg. Writing (MTSU) 3
- or ENGL 1020 English Composition II (RODP) 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** 6

Natural Sciences** (courses can be taken at CoSCC) 8

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 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
- 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

Nonbusiness Electives** (3000/4000 level) 6

Total Credit Hours 71

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

Graduation Requirements

- A minimum of 120 total semester 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.