ASSOCIATE OF ARTS TO A
BACHELOR OF SCIENCE IN CYBERSECURITY/ISIT EMPHASIS

University of Missouri – St. Louis & Jefferson College
Transfer Guide

This Guide is intended for the use of students who plan on transferring from Jefferson College (JC) to the University of Missouri – St. Louis (UMSL) to pursue a Bachelor of Science in Cybersecurity with Information Systems and Technology Emphasis.

The Cybersecurity degree offers emphasis options in Information Systems and Technology or Computer Science. The requirements for each emphasis are quite different, therefore this guide is to be used solely by students seeking the Information Systems and Technology emphasis. For those students wishing to pursue the Computer Science emphasis, please refer to that guide. For more information on UMSL’s Bachelor of Science in Cybersecurity with emphasis in ISIT, please visit our online course catalog.

The following are the requirements of the JC Associate of Arts degree program as they are recommended for students intending to continue on into UMSL’s Bachelor of Science in Cybersecurity with Information Systems and Technology Emphasis. Completing these requirements as they are recommended here will maximize the transferability of a student’s coursework toward their UMSL Bachelor’s degree. Further details of this Associates degree program, as well as comprehensive lists of courses that satisfy each General Education component, may be found within the JC course catalog or may be obtained through a JC advisor.

This guide is intended for use under advisement of a JC Academic Advisor or UMSL Transfer Specialist and is not considered to be substitution of such advisement.

GENERAL EDUCATION – CORE 42

Communications – Written & Oral 9 hours required
- ENG 101 English Composition I (MOTR ENGL 100) (3)
- ENG 102 English Composition II (MOTR ENGL 200) (3)
- COM 110 Public Speaking (MOTR COMM 110) or COM 100 Fundamentals of Comm (MOTR COMM100) (3)

Mathematical Sciences 3 hours required
- MTH 134(H) College Algebra (MOTR MATH 130) (5)

Social and Behavioral Sciences 9 hours required
- Complete 1 of the following courses (Civics Requirement)
  - HST 103 U.S. History I to Reconstruction (MOTR HIST 101) (3)
  - HST 104 U.S. History II to Reconstruction (MOTR HIST 102) (3)
  - PSC 102 U.S. and Missouri Govt and Const (MOTR POSC 101) (3)
- ECO 101 Macroeconomics (MOTR ECON 101) (3)
- ECO 102 Microeconomics (MOTR ECON 102) (3)

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### Humanities and Fine Arts
9 hours required
- PHL 201 World Religions (MOTR RELG 100) (3) *(course can be used to fulfill UMSL's cultural diversity requirement)*
- PHL 204 Business and Professional Ethics (MOTR PHIL102P)
- Complete 1 additional course from Humanities and Fine Arts MOTR list that is not Philosophy

### Life and Physical Sciences
7 hours minimum required, must include 1 lab
- Complete 1 Laboratory course in the Life and Physical Sciences from MOTR list (4-5)
- Complete 1 additional course in the Life and Physical Sciences from MOTR list (3)

### CORE 42 ELECTIVE(S) (MOTR COURSES TO REACH 42 CREDIT HOURS)
- Complete additional courses from MOTR list to reach 42 credit hours

### REQUIRED ELECTIVES for AA-General Transfer Studies (60 hours minimum)
- CIS 125 Computer Concepts and Applications (3)
- CIS 155 Intro to Computer Programming (3)
- MTH 161 Calculus for Business and Social Science (3)
- MTH 168 Business Statistics (3)
- BUS 240 Financial Accounting (3)
- BUS 241 Managerial Accounting (3)

Note: College of Business students must a minimum of 60 credit hours of their degree at four-year, baccalaureate degree-granting institutions.

For questions about this transfer guide please call the Office of Admissions at 314-516-5451

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