ASSOCIATE OF ARTS IN GENERAL STUDIES
TO A
BACHELOR OF SCIENCE IN COMPUTER SCIENCE

UNIVERSITY OF MISSOURI – ST. LOUIS &
EAST CENTRAL COLLEGE
TRANSFER GUIDE

This Guide is intended for the use of students who plan on transferring from East Central College (ECC) with a completed Associate of Arts in General Studies to the University of Missouri – St. Louis (UMSL) to pursue a Bachelor of Science in Computer Science.

For more information on UMSL’s Bachelor of Science in Computer Science, please visit our online Course Catalog.

The following are the requirements of the ECC Associate of Arts in General Studies degree program as they are recommended for students intending to continue on into UMSL’s Bachelor of Science in Computer Science. Completing these requirements as they are recommended here will maximize the transferability of a student’s coursework toward their UMSL Bachelors 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 ECC course catalog or may be obtained through an ECC advisor.

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

I. GENERAL EDUCATION COURSEWORK

General Education Core  11 Hours
- FS 1000 Campus Orientation (0)
- FS 1001 Foundation Seminar (1)
- EN 1223 English Comp I (3)
- EN 1333 English Comp II (3)
- Complete 1 of the following courses:
  - CT 1003 Oral Communications (3)
  - CT 1103 Public Speaking (3)
- Complete 1 course in Physical Education: __________________________

Social & Behavioral Sciences (SBS)  9 Hours
- HI/PS 1000 Constitutions Study Module (0)
- Complete 1 course to satisfy the Constitution (CON) requirement: __________________________
- Complete 2 additional courses in the Social and Behavioral Sciences:
  - Social and Behavioral Science Course: __________________________
  - Social and Behavioral Science Course: __________________________

Humanities & Fine Arts (HFA)  9 Hours
- Complete 3 courses in the Humanities & Fine Arts selected from 2 different Areas of Study:
  - Humanities and Fine Arts Course: __________________________
  - Humanities and Fine Arts Course: __________________________
  - Humanities and Fine Arts Course: __________________________

The information in this Transfer Guide is in accordance with the published 2015-2016 Course Catalogs of both UMSL and ECC.
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**Life & Physical Sciences (LPS)  8 Hours**
At least 1 of these courses must be taken with a corresponding Laboratory course:
- Complete 1 course in the Life Sciences: ____________________________
- Complete 1 course in the Physical Sciences: ____________________________

**Mathematics (MTH)  5 Hours**
- MT 1505 Pre-Calculus Math (5)

**Managing Information (MAI)  4 Hours**
- EG 2203 C++ Program Engineers (3)
- EG 2211 C++ Prog/Engineers Lab (1)

**II. GENERAL EDUCATION SKILL AREAS  0 Hours**
Students should select their General Education Coursework options above to also satisfy the following Skill Area requirements. Some Skill Area requirements will be satisfied by specific courses recommended in this guide and have therefore been omitted here:
- Select 1 of the following Global (GLB) courses to satisfy the UMSL Cultural Diversity Requirement:
  - AN 1003 Intro. Cultural Anthropology (3) (GLB,WRT)
  - CV 2023 Islamic Civilization (3) (GLB,WRT)
  - CV 2303 Latin American Civilization (3) (GLB,HOT)
  - CV 2603 Japanese Civilization (3) (GLB)
  - CV 2613 East Asian Civilization to 1800 (3) (GLB)
  - CV 2623 East Asian Civ. Since 1800 (3) (GLB)
  - EN 1423 World Literature II (3) (GLB,WRT)
  - PR 1303 Living World Religion (3) (GLB,VAL)
  - PS 2303 Intro. Comparative Politics (3) (GLB,HOT)
- Complete 2 additional Global (GLB) courses.
- Complete 2 Writing (WRT) courses.
- Complete 3 Valuing (VAL) courses.

**III. ELECTIVES  20 HOURS**
A student must complete enough Elective Coursework to reach 64 Total Hours:
- EG 2503 Data Structures (3)
- MT 1605 Analytic Geometry & Calculus I (5)
- MT 2105 Analytic Geometry & Calculus II (5)
- MT 2213 Linear Algebra (3)
- MT 2223 Engineering Statistics (3)

Students that plan to transfer to UMSL to pursue a Bachelor of Science in Computer Science but do not wish to complete an Associates degree at ECC should focus on completing the **Highlighted Courses** above in conjunction with those outlined in the [ECC General Education Transfer Guide](#).

For any questions regarding this guide please contact the UMSL Office of Transfer Services at (314) 516-5162.

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