

(Added November 2015)

Exhibit E

Bachelor of Science in Information Technology (BSIT)

This MOU recognizes the high level of interest indicated by greater CASC area residents in obtaining a degree from UAFS. Students will complete the first two years (lower-level coursework) of the bachelor degree requirements at CASC by completing the Associate of Arts in Computer Information Systems. Completed CASC courses will be accepted by UAFS and applied to the Bachelor of Science in Information Technology (BSIT) degree requirements according to the UAFS Catalog. UAFS courses completed on the CASC campus will count toward the UAFS residency requirements for conferral of the degree.

**University of Arkansas - Fort Smith**  
**Bachelor of Science in Information Technology (BSIT)**  
**In Partnership with Carl Albert State College**  
**Associate of Arts in Computer Information Systems**

Printed Name: \_\_\_\_\_ IDN: \_\_\_\_\_  
Major Code: 1044, Catalog Year 2015-16

*The prerequisites and corequisites of the degree requirements are subject to change.*

CASC Computer Information Systems course requirements that satisfy degree requirements for UAFS Bachelor of Science in Information Technology. Completing CASC course requirements in the manner below is a prerequisite for entrance into the BSIT program at UAFS as established in this MOU [UAFS course numbers are italicized in brackets.]

| Hours  | Courses   | Notes | Grade |
|--|---|-------|-------|
| <b>General Education Requirements (33 Hours)</b>   |   |       |       |
| 6  | ENGL 1113 & ENGL 1213 English Composition I & II [ENGL 1203 & ENGL 1213]  |       |       |
| 4  | MATH 2265 Analytic Geometry & Calculus I [MATH 2804]  |       |       |
| 4  | Select one from: BIO 1114, BOT 1114, ZOO 1114 [Lab Science requirement]   |       |       |
| 4  | Select one from: CHEM 1115, GPS 1214, PHYS 1114 or PHYS 2014 [Lab Science requirement]                            |       |       |
| 3  | HIST 1483 American History 1492-1865 or HIST 1493 American History 1865-present [History/Government requirement]  |       |       |
| 3  | Humanities General Education requirement [Fine Arts requirement]  | 1     |       |
| 3  | Humanities General Education requirement [Humanities requirement]   | 1     |       |
| 3  | Select one course from psychology or a social science general education requirement [Social Sciences requirement] | 1     |       |
| 3  | POS 1113 American Federal Government [Social Sciences requirement]  |       |       |
| <b>CASC Courses for Computer Information Systems (18 Hours)</b>                            |   |       |       |
| Required Courses:  |   |       |       |
| 3  | CS 1313 Programming I [CS 1013]   | 2     |       |
| 3  | CS 1333 Programming II [CS 1023]  | 2     |       |
| 3  | CS 2203 Networking I [CS 1043]  | 2     |       |
| 3  | CS 2243 Internet Programming [CS 2033]  | 2     |       |
| Elective Courses:  |   |       |       |
| 3  | CS 2013 Database Management [CS 2013]   | 2     |       |
| 3  | CS 1513 Operating Systems [CS 1033]   | 2     |       |
| <b>Total 51 Hours - CASC AA in Computer Information Systems will transfer to the BSIT.</b> |   |       |       |

| <b>Additional General Education Requirements that may be completed at CASC (6 Hours)</b>  |  |       |  |
|---|--|-------|--|
| 3   | SPCH 1113 Introduction to Speech [SPCH 1203]               |       |  |
| 3   | BUS 2123 Statistics for Business and Economics [STAT 2503] |       |  |
| <b>Total 57 Hours - CASC courses that will transfer and satisfy BSIT degree requirements.</b>   |  |       |  |
| <b>Information Technology Course Requirements to be taken at UAFS (63 Hours)</b>  |  |       |  |
| 3   | CS 2003 Data Structures                                    | 2     |  |
| 3   | HIST 3063 History of Technology in Society                 | 2     |  |
| 3   | MATH 1903 Introductory Discrete Mathematics                | 2     |  |
| 3   | CS 3003 Distributed Systems                                | 2     |  |
| 3   | CS 3013 Human Computer Interaction                         | 2     |  |
| 3   | CS 3023 Research Methods in Information Technology         | 2     |  |
| 3   | CS 3033 Computer Architecture                              | 2     |  |
| 3   | CS 3503 IT Security  | 2     |  |
| 3   | CS 4003 Systems Analysis and Design                        | 2     |  |
| 3   | CS 4013 Research Project in Information Technology         | 2     |  |
| 3   | CS 4023 Senior Capstone                                    | 2     |  |
| 30  | IT Concentration - to be selected with faculty advisor     | 2 & 3 |  |
| <b>Total Hours: 120 At least 45 hours must be upper level.</b>  |  |       |  |
| <b>NOTES</b>  |  |       |  |
| 1. General Education Core Requirements, see Graduation Requirements section of UAFS catalog OR follow the CASC general education core requirements.   |  |       |  |
| 2. These courses are used to determine major courses in residency, see Graduation Requirements section of the UAFS catalog.   |  |       |  |
| 3. IT Concentration requirement, 30 hours. Select one concentration in consultation with advisor from:<br>Programming, Networking, Database, Web Design, Security, Game Design, General, Enterprising Computing, Management of Information Systems, and Mobile Application Development. |  |       |  |
| Prior to graduation students must demonstrate competency in financial literacy by satisfactory completion of FIN 1521 Personal Finance Applications (or an approved substitution) with a grade of C or better, or by score of 70% or more on a challenge exam for FIN 1521.             |  |       |  |

### Student Degree Program Requirements

A student's degree program requirements are those specified in the catalog in effect at the time of declaration of program major. Students must meet the above program requirements and the graduation requirements as indicated by institutional and college policy. The program can be changed only with the approval of the official advisor. If original courses are eliminated, students may be required to meet new curriculum requirements in the degree program. If students are not enrolled for two or more consecutive terms (excluding summer terms), they must reenter under the program requirements of the current catalog. Students are responsible for understanding program requirements and changes. This document is not official until signed and dated by both the student and an authorized university representative.

Student signature \_\_\_\_\_

Date \_\_\_\_\_

Advisor signature \_\_\_\_\_

Date \_\_\_\_\_