

AAS – CSIT in Computer Science -Info. Technology to BAS in Information Technology)



AAS-CSIT in Computer Science-Information Technology to BAS in Information Technology – CROSSWALK TABLES

Website: <https://www.ctcd.edu/ctcd/assets/File/Student%20Services/degree-maps/aas-cj.pdf>

The following will outline coursework taken as part of the AAS in Computer Science-Information Technology through Central Texas College, and the course equivalents at University of the Cumberlands.

General Education	Semester Hours	UC Equivalent
English	3	
ENGL 1301 English Composition I	3	ENGL 131
Speech	3	
SPCH 1318 Interpersonal Communication	3	COMM 130
Mathematics	3	
MATH 1314 College Algebra	3	MATH 132
Creative Arts	3	
DRAM 1310 Intro to Theater	3	THTR 130
DRAM 2366 Intro to Cinema	3	THTR 130
HUMA 1315 Fine Arts Appreciation	3	ART 131
MUSI 1306 Music Appreciation	3	MUSC 130
Social/Behavioral Science	3	
PSYC 2301 Introduction to Psychology	3	PSYC 131
SOCI 1301 Introduction to Sociology	3	SOCI 131
Total Credit Hours	15 Hours	

Major Requirements	Semester Hours	UC Equivalent
Information Technology Major Courses	45	
COSC 1301 Introduction to Computing	3	Elective
IMED 1316 Web Design I	3	ITSS 232
ITNW 1325 Fundamentals of Networking Technologies	3	ITSI 331
ITNW 1316 Network Administration	3	Elective
ITNW 1337 Introduction to the Internet	3	Elective

ITSC 1309 Integrated Software Applications I	3	ITSS 130
ITSC 1325 Personal Computer Hardware (CompTIA A+); OR	3	ITSI 231
CPMT 1345 Computer Systems Maintenance	3	ITSI 231
ITSC 1405 Introduction to PC Operating Systems	4	Elective
ITSC 1415 Project Management Software	4	Elective
ITSE 1302 Computer Programming (Visual Basic); OR	3	ITSI 131
COSC 1336 Programming Fundamentals I	3	ITSI 131
ITSE 1329 Programming Logic and Design: OR	3	Elective
COSC 1315 Introduction to Computer Programming	3	Elective
ITSW 1307 Introduction to Database	3	ITSS 230
ITSC 2435 Application Software Problem Solving; OR	4	Elective
ITSC 2486 Internship-Computer and Information Sciences, General	4	Elective
Free Elective	3	Elective
Total Credit Hours	45 Hours	

AAS Total Transfer Credit Hours	60 Hours
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Website: <https://www.ucumberlands.edu/academics/undergraduate/online/bachelors-applied-science>

After completion of Associate of Applied Science (AAS) in Computer Science-Information Technology at Central Texas College, a student will complete the following 60 hours to complete the Bachelors of Applied Science (BAS) in Information Technology at University of the Cumberlands. If a student chooses not to pursue a concentration, they will need to declare a second major; minor; or complete 15 hours of restricted electives.

General Education	Semester Hours
Christian Faith	3
MSMN 233 Introducing Christian Ethics	3
Writing Competence	3
ENGL 133 Technical Writing	3
Science	3
BIOL 131 Biology and Society; OR	3
CHEM 140 Chemistry of Everyday Life; OR	3
PHYS 137 Physical Science; OR	3
PHYS 140 Astronomy	3
History	3
HIST 137 World Civilization to 1648; OR	3
HIST 138 World Civilization since 1648; OR	3
HIST 231 American History to 1877; OR	3
HIST 232 American History since 1877	3
Social and Professional Awareness	3
BADM 133 Introduction to Business; OR	3
COMM 230 Introduction to Public Speaking	3
Integrated Studies Course	3
BADM 401, BADM 402, COMM 405, HSRV 403, HSRV 404, CRJS 401, MNMN 403, MUSC 401, or PSYC 402	3
Total Credit Hours	18 Hours

Major Requirements	Semester Hours
Information Technology Core Courses	12
ITSC 230 Information Security and Assurance	3
ITSI 336 Server Administration	3
ITSS 337 Business Intelligence	3
ITSS 438 Capstone I	3
(Choose one area of concentration)	
Concentration: Cybersecurity	18
ITSS 330 Prevention and Protection Strategies in Cybersecurity	3
ITSC 331 Ethical Hacking	3
ITSS 332 Database Administration	3
ITSC 430 Information Security Management	3
ITSC 431 Legal and Ethics	3
ITSS 439 Capstone II	3
Concentration: Infrastructure	18
ITSI 332 Interconnecting Network Devices	3
ITSI 333 Data Center	3
ITSI 335 Cloud Computing	3
ITSI 432 Routing and Switching	3
ITSI 433 Wireless	3
ITSS 439 Capstone II	3
Concentration: Software Engineering	18
ITSS 332 Database Administration	3
ITSS 333 Video Game Programming	3
ITSS 334 Web Programming	3
ITSS 338 Programming of Mobile Devices	3
ITSS 435 Software Engineering	3
ITSS 439 Capstone II	3
Additional Electives Required	12
300/400 Level Courses (Any area)	6

General Electives (Any course 100 level or above)	6
Total Credit Hours	42 Hours

Total Credit Hours Completed at University of the Cumberland	60 Hours
BAS Total Credit Hours	120 Hours