



TRANSFER PATHWAY GUIDE 2019-2020

Associate in Applied Science in Computer Information Technology to Bachelor of Science in Information Technology

Overview

Completion of the following curriculum will satisfy the requirements for the Associate in Applied Science in Computer Information Technology at the Kentucky Community and Technical College System (KCTCS) and leads to the Bachelor of Science in Information Technology at University of the Cumberland (UC).

Admission Requirements

Upon completion of the AAS from KCTCS, students are automatically admitted to University of the Cumberland, once they apply for admission and send transcripts.

Degree Requirements

Students should also choose to complete a concentration area within their major; or choose a minor. In addition, a student must present 36 hours of courses numbered 300 or above, and complete at least 25% of their degree at University of the Cumberland. *Additional degree requirements: a cumulative GPA of 2.0, with grades of "C" or better in Major courses.

General Transfer Requirements

Students that have completed the AAS, should complete the Free application for admission to University of the Cumberland. Once transcripts are received, we can provide a degree evaluation and advise the student of their progress toward the Bachelors of Science. *CIS Certification - Credit for Prior Learning Mapping (see pg. 5)

KCTCS Computer Information Technology AAS to University of the Cumberland's Bachelor of Science in Information Technology CHECKLIST

Kentucky Community and Technical College System

Category 1: KCTCS General Education Requirements:

KCTCS Course	Course or Category	Credits	UC Course	Completed
ENG 101	Writing I (WC)	3	ENGL 131	
MAT 126	Technical Algebra and Trigonometry (QR)	3	MATH 132	
TBS XXX	Social & Behavioral Science Course (SB)	3	TBD XXX	
TBS XXX	Heritage or Humanities Course (A&H)	3	TBD XXX	
TBS XXX	Natural Science Course	3-4	TBD XXX	
	Subtotal General Education Courses	15-16		

TBS XXX means to be selected by KCTCS student.

TBD XXX means to be determined by UC based on course selected.

Category 2: KCTCS AAS Requirements:

KCTCS Course	Course or Category	Credits	UC Course	Completed
CIT 105	Intro. to Computers	3	ITSS 130	
CIT 111	Computer Hardware and Software	4	ITSI 231	
CIT 120	Computational Thinking	3	TBD XXX	
CIT 170	Database Design Fundamentals	3	ITSS 230	
CIT 180	Security Fundamentals	3	ITSC 230	
CIT 160, or CIT 161	Intro to Networking Concepts, or Introduction to Networks	4	ITSI 331	
CIT 143, or CIT 148, or CIT 149	C#1, or Visual basic I, or Java I	3	ITSI 131	
CIT 293	CIT Employability Studies	1	TBD XXX	
	Subtotal AAS Requirement Courses	24		

** Students must demonstrate computer information technology skills, either through completing a course or passing a test.

KCTCS CIT Tracks: Business Software and Support, Cloud Computing Technologies, General, Geospatial Technologies, Informatics, Information Security, Internet Technologies, Network Administration, Network Technologies, Programming, and Video Game Design				
KCTCS Course	Course or Category	Credits	UC Course	Completed
TBS XXX	See KCTCS Course catalog for courses required for each CIT track. Select the appropriate courses for one of the tracks to fulfill the degree requirements	21-25	TBD XXX	
Subtotal AAS Requirement Courses		21-25		
Total Associate Degree Credit Hours		60-64		

University of the Cumberland

Category 3: UC Additional General Education Requirements

UC Course	Course or Category	Credits	KCTCS Course	Taken at KCTCS
MSMN 133,135,136,233, or 239	Religion	6	REL 120, 121, 130, 135, or 150	
ENG 132	English Composition II	3	ENG 102	
BADM 136, or 137 POLS 131, or 233 PSYC 131	Culture	3	ECO 201, or 202 POL 101, or 271 PSY 110	
ART 131,132,133, or 134 ENGL 330 – 335 MUSC 130 THTR 130	Aesthetic Appreciation	6	ART 100, 105, 106, or 110 ENG 221,222,230,251,252,261, or 262 MUS 100 THA 101	
COMM 130, 131, or 230 HLTH 236 SOCI 131 HSRV131 JOUR 130 CRJS 131	Social and Professional Awareness	3	COM 181, 249, or 252 IEC 120 KHP 150, 230 NFS 101 SOC 101 HMS 101 JOU 101 CRJ 100	
Subtotal UC Credit Hours			21	16
Total General Education Credit Hours			37	

Category 4: UC Major and requirements for Bachelor of Science in Computer Information Systems

UC Course	Course	Credits	KCTCS Course	Taken at KCTCS
ITSS 130	Application Software		CIT 105	X
ITSS 131	Introduction to Object Oriented Programming		CIT 143, 148 or 149	X
ITSS 230	Fundamentals of Databases		CIT 170	X
ITSC 230	Information Security and Assurance		CIT 180	X
ITSI 231	Hardware		CIT 111	X
ITSS 232	Web Design	3	CIT 155 or CIT 157	
ITSI 331	Networking		CIT 160	X
ITSI 336	Server Administration	3	CIT 215	
ITSS 337	Business Intelligence	3	TBS XXX	
ITSS 438	Capstone	1	TBS XXX	
TBD XXX	IT Elective courses (6 hours)		TBD XXX	X
TBD XXX	Concentrations (Track): Cybersecurity Concentration, Infrastructure, or Software Engineering	18	TBS XXX	
Subtotal UC Credit Hours			28	26
Total IT Major with Concentration Credit Hours			54	

Electives or courses numbered 300 level or above:

UC Course	Course or Category	Credits	KCTCS Course	Taken at KCTCS
TBS XXX	General Electives (not included elsewhere)	7	TBD XXX	X
TBS XXX	Courses numbered 300 level or above	11	TBDXXX	
Subtotal Elective Courses			18	19
Total Elective Credit Hours			37	
Total Baccalaureate Degree Credit Hours			128	

University of the Cumberland (*CIS Certification) - Credit for Prior Learning Mapping

The School of Computer and Information Sciences will accept the following certifications as replacement for the corresponding course.

Course #	UC Course Name	Earned Certification
ITSS 131	Intro. to Object Oriented Programming	Microsoft MCP
ITSS 230	Fundamentals of Databases	Microsoft MTA-DB
ITSC 230	Information Security and Assurance	CompTIA Security+
ITSI 231	Hardware	CompTIA A+
ITSI 331	Networking	CompTIA Network+
ITSS 337	Business Intelligence	Microsoft MCSE-BI
ITSC 331	Ethical Hacking	Certified Ethical Hacker
ITSC 430	Information Security Management	Certified Information Security Manager
ITSS 434	Database Administration	Microsoft MCSA
ITSI 332	Interconnecting Network Devices	Cisco CCENT
ITSI 333	Data Center	Cisco CCNA Datacenter
ITSI 335	Cloud Computing	Cisco CCNA Cloud
ITSI 432	Routing and Switching	Cisco CCNA Routing
ITSI 433	Wireless	Cisco CCNA Wireless
ITSI 439	Capstone II: Networking	Cisco CCNA Security
ITSS 334	Web Programming	Certified PHP

The university must receive official documentation of the successful completion of your certification directly from the issuing body. Documentation submitted from the holder of the certification will not be accepted as official but can be used by the university advising team to help form a program plan. Credit for the certification will not be posted until official documentation is received in either the Admissions or the Registrar's Office.

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