



Central Texas College and University of Alaska Fairbanks School of Management Crosswalk Agreement

Program Crosswalk: Associate of Applied Science in Cyberdefense Information Assurance to
Bachelor of Security & Emergency Management

[UAF Transfer Credit Resource Site](#) is available online.

The list of General Education Requirements can be found in the [UAF Catalog](#).

The AAS in Cyberdefense Information Assurance from CTC will not qualify for a general education requirements waiver at the University of Alaska Fairbanks.

*Multiple options for General Education Requirements (GERs). See Catalog for list of GER options and the Transfer Credit Resource site to find equivalent courses at CTC.

**Highlighted rows indicate requirements will be satisfied with completion of AAS at CTC.

NOTE: Transfer students must complete at least 30 residence credits at UAF. 39 upper-division (300- and 400-level courses) must be completed to earn a bachelor's degree at UAF. 120 credits are needed to earn a bachelor's degree at UAF.

University of Alaska Fairbanks		Credits	Central Texas College	
General Education Requirements		35	CTC Equivalent Courses	
WRTG F111X	Writing Across Contexts	3	ENGL 1301	Composition I
WRTG F211X or WRTG F212X or WRTG F213X or WRTG F214X	Writing & the Humanities or Writing & the Professions or Writing & the Sciences or Arguing Across Contexts	3	ENGL 1302	Composition II
COJO F121X or COJO F131X or COJO F141X	Introduction to Interpersonal Communication or Fundamentals of Oral Communication: Group Context or Fundamentals of Oral Communication: Public Context	3	SPCH 1318 or SPCH 1315 or SPCH 1321	Interpersonal Communication or Public Speaking or Business & Professional Communication
Arts GER*		3	Creative Arts	

			(See Catalog & Transfer Credit Site*)	
Humanities GER*		3	See Catalog & Transfer Credit Site*	
Social Studies GER*		3	See Catalog & Transfer Credit Site*	
Social Studies GER*		3	Social/Behavioral Science Selection (See Catalog & Transfer Credit Site*)	
Additional Arts/Humanities/Soc Science*		3	See Catalog & Transfer Credit Site*	
MATH F113X	Numbers & Society or higher	3	MATH 1314	College Algebra
Natural Sciences with lab GER*		4	See Catalog & Transfer Credit Site*	
Natural Sciences with lab GER*		4	See Catalog & Transfer Credit Site*	
Requirement in Emergency Services				
21-33		Satisfied with AAS Completion		
CIOS F103	Computer Survey	3	COSC 1301 or ITSC 1301	Introduction to Computing or Introduction to Computers
CITS F1	CITS F1 Elective	3	ITSC 1316	Linux Installation & Configuration
CITS F1	CITS F1 Elective	3	ITCC 1314 or ITNW 1325	Introduction to Networks or Fundamentals of Networking Technology
CITS F204	Introduction to Computer Networks	3	ITNW 1316	Network Administration
CITS F261	Computer & Network Security	3	ITSY 1342	Information Technology Security
CITS F1	CITS F1 Elective	3	ITSE 1359	Introduction to Scripting Languages
CITS F242	Routing & Switching Essentials	3	ITCC 1344	CCNA 2: Switching Routing/Wireless Essentials
CITS F265	Directory Services Administration	3	ITNW 1345	Implementing Network Directory Services
CITS F2	CITS F2 Elective	4	ITSY 2401	Firewalls & Network Security
CITS F2	CITS F2 Elective	3	ITSC 2325	Advanced Linux
CITS F1	CITS F1 Elective	3	ITNW 1313	Computer Virtualization
Degree Requirements				
4		CTC Equivalent Courses		
BA F323X	Business Ethics	3	No CTC course equivalency	
LS F101X	Library Information & Research	1	No CTC course equivalency	
Major Requirements				
30		CTC Equivalent Courses		
BA F307	Introductory Human Resources Management	3	No CTC course equivalency	
BA F457	Training & Management Development	3	No CTC course equivalency	
HSEM F271	Fiscal Management for Emergency Management Operations	3	Will petition ACCT 2301: Principles of Financial Accounting to fulfill requirement.	
HSEM F301	Principles of Emergency Management & Homeland Security	3	No CTC course equivalency	
HSEM F412	Emergency Planning & Preparedness	3	No CTC course equivalency	

HSEM F423	Disaster Response Operations & Management	3	No CTC course equivalency	
HSEM F434	All-hazards Risk Analysis	3	No CTC course equivalency	
HSEM F445	Business Continuity & Crisis Management	3	No CTC course equivalency	
HSEM F456	Leadership in Dangerous Contexts	3	No CTC course equivalency	
BA F391 or HSEM F461	Alaska Native Corporations or Human Security in Alaska	3	No CTC course equivalency	
Complete 4 Major Electives from below		12	CTC Equivalent Courses	
BA F317	Employment Law	3	No CTC course equivalency	
BA F330	Legal Environment of Business	3	No CTC course equivalency	
BA F490	Services Marketing	3	No CTC course equivalency	
COJO F300X	Communicating Ethics	3	No CTC course equivalency	
COJO F335	Organizational Communication	3	No CTC course equivalency	
COJO F353	Conflict, Mediation, & Communication	3	No CTC course equivalency	
ECON F201X	Principles of Microeconomics	3	ECON 2302	Principles of Microeconomics
ENGL F314	Technical Writing	3	No CTC course equivalency	
GEOS F380	Geological Hazards	3	No CTC course equivalency	
JUST F222	Research Methods	3	No CTC course equivalency	
PS F304	International Security	3	No CTC course equivalency	
PSY F250 or SOC F250	Introductory Statistics for Social Sciences	3	No CTC course equivalency	
STAT F200X	Elementary Statistics	3	MATH 1342	Elementary Statistical Methods
Choose One from Following Concentrations (6 credit hours required for concentration):				
Cybersecurity & Information Technology Management, Emergency Management, Emergency Medical & Public Health Management, Fire Administration, Homeland Security, or Law Enforcement Management				
Cybersecurity & Information Technology Management		6	CTC Equivalent Courses	
HSEM F415	Cybersecurity in the 21 st Century: Technology & Ethics	3	No CTC course equivalency	
HSEM F416	Cybersecurity Management	3	No CTC course equivalency	
HSEM F417	Cybersecurity Resiliency	3	No CTC course equivalency	
HSEM F418	Cybercrime, Fraud & Law	3	No CTC course equivalency	
Emergency Management		6	CTC Equivalent Courses	
HSEM F405	Introduction to Emergency Management Exercise Design	3	No CTC course equivalency	
HSEM F407	Comparative Emergency Management	3	No CTC course equivalency	
Emergency Medical & Public Health Management		6	CTC Equivalent Courses	
HSEM F402	Incident Command for Emergency Medical Services	3	No CTC course equivalency	
HSEM F403	Public Health in Emergencies	3	No CTC course equivalency	

HSEM F405	Introduction to Emergency Management Exercise Design	3	No CTC course equivalency
Fire Administration			
Fire Administration		6	CTC Equivalent Courses
HSEM F439	Supervising Emergency Services	3	No CTC course equivalency
HSEM F440	Advanced Principles of Fire Service Administration	3	No CTC course equivalency
Homeland Security			
Homeland Security		6	CTC Equivalent Courses
HSEM F406	Comparative Homeland Security	3	No CTC course equivalency
HSEM F408	Homeland Defense & Security	3	No CTC course equivalency
Law Enforcement Management			
Law Enforcement Management		6	CTC Equivalent Courses
HSEM F404	Public Safety Instruction	3	No CTC course equivalency
HSEM F418	Cybercrime, Fraud and Law	3	No CTC course equivalency
HSEM F467	Current Topics in Public Safety	3	No CTC course equivalency