

Program Transfer Guide

Central Texas College Associate of Applied Science (AAS) in

CYBERDEFENSE – INFORMATION ASSURANCE

→ UIU Bachelor of Science (BS) in

CYBERSECURITY

JUNE 2026



Years 1 & 2 at Central Texas College:

CTC Program Course Sequence			Course Transfers into UIU as			
Course ID	Course Name	# Cr	Course ID	Course Name	# Cr	Requirement Fulfilled
First Semester						
COSC 1301	Introduction to Computing	3	IS 102	Intro to Comp. App/Tech	3	Prereq to BA 256
BCIS 1305	Business Computer App.	3	IS 102	Intro to Comp. App/Tech	3	Prereq to BA 256
ITNW 1325	Fund. Of Networking Tech.	3	----	----	3	Free Elective
ENGL 1301	Composition I	3	ENG 101	English Composition I	3	PPE ENG 101
Mathematics (MATH 1342)		3	MATH 220	Elementary Statistics	3	PPE QR & Bus. Core
Second Semester						
ITSC 1325	Personal Computer Hardware	3	----	----	3	Free Elective
ITNS 1309	Fund. Of Cloud Computing	3	----	----	3	Free Elective
ITSY 1342	Information Tech. Security	3	----	----	3	Free Elective
ITNW 1308	Implementing & Supporting Client Operating Systems	3	----	----	3	Free Elective
Creative Arts (ARTS 1301)		3	ART 100	Introduction to Art	3	PPE Creative Expr.
Third Semester						
ITSY 2301	Firewalls & Network Security Design	3	----	----	3	Free Elective
ITNS 1337	Introduction to the Internet	3	----	----	3	Free Elective
ITNW 1316	Intro. to Network Administration	3	----	----	3	Free Elective
ITSC 1316	Linux Installation and Configuration	3	----	----	3	Free Elective
Social & Behavioral Science (HIST 2301)		3	SSCI 150	Social Science Gen Ed	3	PPE Social Science
Fourth Semester						
ITSC 1315	IT Project Management	3	----	----	3	Free Elective
COSC 1315	Intro. to Comp. Programming	3	IT 140	Introduction to Programming	3	Free Elective
ITSY 2345	Network Defense and Countermeasures	3	----	----	3	Free Elective
ENGL 2311	Technical & Business Writing	3	----	----	3	Free Elective
ITSY 2359 OR ITNW 2388	Security Assess. & Auditing OR Internship	3 OR 3	----	----	3	Free Elective
Total occupational course credits earned:		60	Total course credits accepted:		60	
Total transferable credits#:		60				

UIU recommendations are **bolded**.

Years 3 & 4 at Upper Iowa University:

Courses to be taken at Upper Iowa University	UIU Program Course List		# Cr	Requirement Fulfilled	Transferred In
	Peacock Professional Experience (PPE) Courses				
	FYS 120 OR FYS 122	First Year Seminar (Fayette) OR First Year Seminar (Online/Self-Paced)	3	Success in Higher Education	--- OR ---
	ENG 101	English Composition I	3	PPE Prof Comm/Wrtn (PW)	ENGL 1301
	ENG 102	English Composition II	3	PPE Prof Comm/Wrtn (PW)	---
	COMM 105 OR COMM 200	Public Speaking OR Interpersonal Communication	3	PPE Prof Comm/Oral (PC)	--- OR ---
		any Human Values & Cultural Perspectives	3	PPE Human Values & Cultural Persp. (HVCP)	---
		any Quantitative Reasoning	3	PPE Quantitative Reasoning (QR)	ACCT 201 in major
		any Science	3	PPE Science (SCI)	---
		any Social Science	3	PPE Social Science (SSCI)	HIST 2301
		any Civics, Ethics & Citizenship	3	PPE Civics, Ethics & Citizenship (CIV)	ECON 160 in major
		any Creative Expression	3	PPE Creative Expression (CREX)	ARTS 1301
	Peacock Professional Experience (Gen Ed) Electives (if needed)				
	<i>All students must complete at least 30 hours of general education (Peacock Professional Experience) coursework. If the student has had specific general education requirements waived above, you must meet the 30-hour minimum using any general education course(s) not already applied in the Peacock Professional Experience section.</i>				
	PPE 100	Peacock Professional Experience Elective	3	PPE Electives	MATH 1342
	Prerequisites				
	MATH 101 OR MATH 105 OR MATH 107	Math for Liberal Arts OR College Mathematics w/ Applications OR College Algebra	3	PPE QR & Prereq. for BA 256 or MATH Peacoc220 & ACCT 201	MATH 1342
	IS 102	Computer Applications and Technology	3	Prereq. For BA 256	COSC 1301
	Business Core Courses				
	ECON 160	Principles of Microeconomics	3	Business Core/PPE CIV	---
	ECON 161	Principles of Macroeconomics	3	Business Core	---
	ACCT 201	Accounting Principles I	3	Business Core/PPE QR	---
	ACCT 202	Accounting Principles II	3	Business Core	---
	MKT 208	Marketing Principles	3	Business Core	---
	BA 210	Management Principles	3	Business Core	---
	BA 222	Management Information Systems	3	Business Core	---
	BA 256 OR MATH 220	Quantitative Analysis for Business I OR Elementary Statistics	3	Business Core/PPE QR	MATH 1342
	BA 302	Business Law and Ethics	3	Business Core	---
	FIN 341	Corporate Financial Management	3	Business Core	---
	BA 356	Quantitative Analysis for Business II	3	Business Core	---
	BA 374	Business Communication	3	Business Core	---
	BA 460	Strategic Management	3	Business Core	---
	Major Courses				
	CYBR 101	Introduction to Cybersecurity	3	Major	---
	CYBR 201	Network & System Security	3	Major	---
	CYBR 202	Cybercrime & Governance	3	Major	---
	CYBR 301	Security Operations	3	Major	---
	CYBR 302	Ethical Hacking	3	Major	---
	CYBR 401	Cybersecurity Capstone	3	Major	---

Program Transfer Guide – CTC CYBERDEFENSE – INFORMATION ASSURANCE → UIU CYBERSECURITY – June 2026

Choose one 300-400 Business course (3 cr)	3	Major	---
Additional Electives			
Upper-Division Electives	3	Degree Requirements	---
Total additional credits needed at UIU to complete degree:	72		
Total transferable credits from CTC:	60		
Total Earned Credits:	132		

~~ NOTES ~~

LEGEND:

- # Transfer grades lower than a C- will not be accepted.
- **Bolded** text indicates UIU recommendations.
- *Grayed out text* indicates courses fulfilled through transfer. Strikethrough indicates specific course if within grouping.

A minimum of 120 semester credits is required for a baccalaureate degree; up to 78 lower-division college semester credits from Central Texas College. A minimum of 30 credits must be upper-division credits for a UIU baccalaureate degree; lower-division transfer work from Central Texas College does not contribute to the upper-division credit requirement at UIU.

This program transfer guide is based on the June 2026 (updated August 2026) course-to-course articulation (UIU 2025-26 catalog & CTC 2025-26 catalog).

Every effort has been made to ensure the accuracy and completeness of this program articulation. The office of the Registrar of Upper Iowa University reserves the right to make corrections, additions, and deletions as necessary.

Elective Transfer Table

CTC ELECTIVES			Transfers as UIU Course			
Course Id	Course Name	# Cr	Course Id	Course Name	# Cr	Requirement Fulfilled
Mathematics						
MATH 1314	College Algebra	3	MATH 107	College Algebra	3	PPE QR & Prereq
MATH 1324	Math for Business/Social Sci.	3	MATH 105	College Math with Applications	3	PPE QR & Prereq
MATH 1332	Contemp. Math (Quant. Reason).	3	MATH 101	Math for Liberal Arts	3	PPE QR & Prereq
MATH 1342	Elementary Statistical Methods	3	MATH 220	Elementary Statistics	3	PPE QR & Bus. Core
MATH 1414	College Algebra	4	MATH 107	College Algebra	3	PPE QR & Prereq
MATH 2412	Precalculus Math	4	MATH 115	Trig./Analytic Geometry	3	PPE QR & Prereq
MATH 2413	Calculus I	4	MATH 120	Calculus I	3	PPE QR & Prereq
Social/Behavioral Science						
AGRI 2317	Intro to Agriculture Economics	3	ECON 212	Agricultural Economics	3	Free Elective
ECON 2301	Principles of Macroeconomics	3	ECON 161	Principles of Macroeconomics	3	Business Core
ECON 2302	Principles of Microeconomics	3	ECON 160	Principles of Microeconomics	3	PPE Civ/Ethics & Bus Core
GEOG 1301	Physical Geography	3	GEOG 100	Intro to Physical Geography	3	PPE Social Science
GEOG 1302	Human Geography	3	SSCI 150	Social Science Gen Ed	3	PPE Social Science
GEOG 1303	World Regional Geography	3	GEOG 200	World Regional Geography	3	Free Elective
GOVT 2304	Introduction to Political Science	3	PS 222	Intro to Political Society	3	PPE Civ/Ethics
HIST 2301	Texas History	3	SSCI 150	Social Science Gen Ed	3	PPE Social Science
HIST 2311	Western Civilization I	3	SSCI 150	Social Science Gen Ed	3	PPE Social Science
HIST 2312	Western Civilization II	3	SSCI 150	Social Science Gen Ed	3	PPE Social Science
HIST 2321	World Civilizations I	3	HIST 100	World History to 1500	3	PPE Social Science
HIST 2322	World Civilizations II	3	HIST 101	World History Since 1500	3	PPE Social Science
HIST 2381	African-American History I	3	----	----	3	Free Elective
HIST 2382	African-American History II	3	----	----	3	Free Elective
PSYC 2301	General Psychology	3	PSY 190	General Psychology	3	PPE Social Science

Program Transfer Guide – CTC CYBERDEFENSE – INFORMATION ASSURANCE → UIU CYBERSECURITY – June 2026

PSYC 2308	Child Psychology	3	PSY 212	Develop. Psych: Birth-Adol.	3	PPE Social Science
PSYC 2314	Life Span Growth & Development	3	EDU 142	Human Growth/Dev/Guid.	3	PPE Social Science
PSYC 2315	Psychology of Adjustment	3	PSY 201	Adjustment	3	Free Elective
PSYC 2316	Psychology of Personality	3	PSY 332	Personality	3	Free Elective
PSYC 2317	Statistical Methods in Psychology	3	MATH 220	Elementary Statistics	3	PPE QR & Bus. Core
PSYC 2319	Social Psychology	3	PSY 310	Social Psychology	3	Free Elective
SOCI 1301	Introduction of Sociology	3	SOC 110	Principles of Sociology	3	PPE Social Science
SOCI 1306	Social Problems	3	SOC 220	Social Problems	3	PPE Social Science
SOCI 2301	Marriage & the Family	3	HSV 361	Marriage and the Family	3	Free Elective
SOCI 2319	Minority Studies	3	SOC 240	Diversity & the US	3	PPE HVCP

Creative Arts

ARTS 1301	Art Appreciation	3	ART 100	Introduction to Art	3	PPE Creative Expr.
ARTS 1303	Art History I	3	ART 211	Art History I	3	Free Elective
ARTS 1304	Art History II	3	ART 212	Art History II	3	PPE Creative Expr.
DRAM 1310	Introduction to Theater	3	CREX 150	Creative Expression Gen Ed	3	PPE Creative Expr.
DRAM 2366	Introduction to Cinema	3	ENG 290	The Movies	3	PPE Creative Expr.
HUMA 1315	Fine Arts Appreciation	3	CREX 150	Creative Expression Gen Ed	3	PPE Creative Expr.
MUSI 1306	Music Appreciation	3	MUS 100	Introduction to Music	3	PPE Creative Expr.

Maximize Your Transfer to UIU

Take up to 18 credits to fulfill the Peacock Professional Experience (PPE) and Business Core Requirements.

Choose up to 18 additional credits at Central Texas College to transfer into Upper Iowa University to fulfill PPE and Business Core requirements. Talk with your advisors to ensure additional courses will fit with your degree plan and financial aid requirements.

Choose up to 18 credits from the following areas:

- Professional Communication (Oral) PPE Requirement – up to 3 credits
- Professional Communication (Written) PPE Requirement – up to 3 credits (ENG 102)
- Science PPE Requirement – up to 3 credits
- Human Values & Cultural Perspectives PPE Requirement – up to 3 credits
- Business Core Requirements – up to 18 credits (*see table*)

Additional Elective Transfer Guide

CTC ELECTIVES			Transfers as UIU Course			
Course Id	Course Name	# Cr	Course Id	Course Name	# Cr	Requirement Fulfilled
Professional Communication (Oral) PPE Requirement						
SPCH 1315	Public Speaking	3	COMM 105	Public Speaking	3	PPE COMM 105
SPCH 1318	Interpersonal Communication	3	COMM 200	Interpersonal Communication	3	PPE COMM 200
Professional Communication (Written) PPE Requirement						
ENGL 1302	Composition II	3	ENG 102	English Composition II	3	PPE ENG 102
Science PPE Requirement						
AGCR 2318	Soil Science	3	ES 220	Soil & Water Conservation	3	PPE Science
ANTH 2301	Physical Anthropology	3	SCI 150	Science Gen Ed	3	PPE Science
BIOL 1322	Nutrition & Diet Therapy I	3	BIO 165	Human Biology & Nutrition	3	PPE Science
BIOL 1406	Biology for Science Majors I	4	BIO 135	Principles of Biology I	4	PPE Science
BIOL 1408	Biology for Non-Science Majors I	4	BIO 100	General Biological Science	4	PPE Science
BIOL 2401	Anatomy and Physiology I	4	BIO 270	Human Anatomy & Physiology I	4	PPE Science
BIOL 2420	Microbiology for Non-Sci. Majors	4	SCI 150	Science Gen Ed	4	PPE Science

Program Transfer Guide – CTC CYBERDEFENSE – INFORMATION ASSURANCE → UIU CYBERSECURITY – June 2026

BIOL 2421	Microbiology for Science Majors	4	BIO 210	Microbiology	4	PPE Science
CHEM 1406	Introductory Chemistry I	4	CHEM 140	Chemistry for Everyday Life	4	PPE Science
CHEM 1407	Introductory Chemistry II	4	SCI 150	Science Gen Ed	4	PPE Science
ENVR 1401	Environmental Science	4	ES 161	Intro to Environmental Science	4	PPE Science
GEOL 1403	Physical Geology	4	ES 100	Introduction to Geology	4	PPE Science
GEOL 1404	Historical Geology	4	SCI 150	Science Gen Ed	4	PPE Science
GEOL 1405	Environmental Science	4	SCI 150	Science Gen Ed	4	PPE Science
PHYS 1403	Stars and Galaxies	4	PHY 110	Introduction to Astronomy	4	PPE Science
PHYS 1404	Solar System	4	PHY 110	Introduction to Astronomy	4	PPE Science
PHYS 1415	Physical Science	4	SCI 150	Science Gen Ed	4	PPE Science
PHYS 2425	University Physics I	4	SCI 150	Science Gen Ed	4	PPE Science
PHYS 2426	University Physics II	4	SCI 150	Science Gen Ed	4	PPE Science
Human Values & Cultural Perspectives PPE Requirement						
ANTH 2346	General Anthropology	3	HVCP 150	Hum. Values/Cltl Persp. Gen Ed	3	PPE HVCP
ANTH 2351	Cultural Anthropology	3	ANTH 110	Intro to Cultural Anthropology	3	PPE HVCP
PHIL 1304	Introduction to World Religions	3	REL 120	Intro to World Religions	3	PPE HVCP
SOCI 2319	Minority Studies	3	SOC 240	Diversity in the US	3	PPE HVCP
Business Core Requirement						
ACCT 2301	Principles of Financial Acct.	3	ACCT 201	Accounting Principles I	3	PPE QR & Bus. Core
ACCT 2302	Principles of Managerial Acct.	3	ACCT 202	Accounting Principles II	3	Business Core
BMGT 1327	Principles of Management	3	BA 210	Management Principles	3	Business Core
ECON 2301	Principles of Macroeconomics	3	ECON 161	Principles of Macroeconomics	3	Business Core
ECON 2302	Principles of Microeconomics	3	ECON 160	Principles of Microeconomics	3	PPE Civ/Ethics & Business Core
HAMG 2307 OR MRKG 1311	Hospitality Marketing & Sales OR Principles of Marketing	3 OR 3	MKT 208	Marketing Principles	3	Business Core