WESTMORELAND COUNTY COMMUNITY COLLEGE	FRANKLIN UNIVERSITY	FRANKLIN UNIVERSITY
CURRICULUM FOR ASSOCIATE OF APPLIED SCIENCE DEGREE: Cyber Security	COURSES ACCEPTED IN TRANSFER FOR BACHELOR OF SCIENCE: Cybersecurity	COURSES TO BE COMPLETED AT FRANKLIN UNIVERSITY BACHELOR OF SCIENCE: Cybersecurity

This equivalency list should be used in conjunction with your Degree Audit and Degree Checklist

2025-2026

Main Equivalency Table

WCCC Dept.	Number	Title	Credits	FU Dept.	Number	Title	Credits
PDV	101	First Year Seminar	1	TRNS	950	Elective	1
CPT	145	Introduction to Computer Technology	3	ITEC	904	Elective	3
CPT	150	Microcomputer Concepts	3	PF	106	Intro to Spreadsheets	1
				PF	108	Intro to Databases	1
				TRNS	950	Elective	1
CIS	168	Principles of Information Security	3	CYSC	200	Cybersecurity Fundamentals	2
				ITEC	904	Elective	1
CPT	161	Introduction to Cloud Computing	3	CLOUD	200	Cloud Fundamentals	3
MTH	157	College Algebra	3	MATH	160	College Algebra	3
CIS	212	Digital Forensics Fundamentals	3	CYSC	375	Digital Forensics & Incident Response	3
CPT	182	Operating Systems	3	ITEC	904	Elective	3
CPT	183	Local Area Networks	3	ITEC	904	Elective	3
ENG	161	College Writing***	3	COMM	920	Partial English credit at Franklin***	3
SOC	155	Principles of Sociology	3	SOCL	110	Introduction to Sociology	3
CIS	255	Ethical Hacking and Software Defense	3	CYSC	325	Network Security	3
CPT	214	Wireless Communication	3	ITEC	904	Elective	3
CPT	248	PC Hardware	3	ITEC	904	Elective	3
CPT	156	Programming with Python	3	COMP	101	Problem Solving with Computing	2
				COMP	902	Elective	1
CPT	262	Windows Client Server	3	ITEC	350	Windows Administration	3
CIS	209	Network Security Fundamentals	3	CYSC	300	Information Assurance	3
CIS	265	Penetration Testing	3	ITEC	904	Elective	3
ENG	162	Technical Communication	3	ENG	205	Business & Professional Writing	3
CPT	256	Linux Desktop	3	ITEC	200	Linux Fundamentals	3
SPC	155	Effective Speech	3	SPCH	100	Speech Communication	3
		TOTAL	**61**				**61**

FRANKLIN UNIVERSITY COURSES

Dept.	Number	Title	Credits
PF	321	Learning Strategies	2
ENG	220	Research Writing	4
ITEC	136	Principles of Programming	4
MIS	310	Info Systems Architecture & Tech.	4
WEBD	236	Web Info. Systems Programming	4
CYSC	475	Security Engineering & Assessment	4
CYSC	400	Application Security	4
CYSC	350	Security Risk Management	4
CYSC	495	Cybersecurity Capstone	4

Franklin University Coursework	34
AAS Westmoreland	61
Additional Westmoreland/Franklin Coursework	31
Degree Total	126

Franklin University Transfer Notes:

- *Laboratory component needed for at least 1 science course.*
- *For the Social Sciences requirement, students must take courses in at least 2 separate disciplines.*
- *Both General Education and University Electives must be non-developmental.*

ADDITIONAL COURSES THAT CAN BE COMPLETED AT FRANKLIN UNIVERSITY OR WESTMORELAND FOR TRANSFER

Dept.	Number	Title	Credits	Dept.	Number	Title	Credits
ENG	164	Advanced Composition***	3	ENG	120	College Writing***	3
MTH	160	Introduction to Statistics	3	MATH	215	Statistical Concepts	3
XXX	XXX	Social & Behavioral Science Elective**	3	XXXX	XXX	Social & Behavioral Science Elective	3
XXX	XXX	Earth/Physical Science with lab*	4	SCIE	902	Science elective with lab	4
XXX	XXX	Addl. Earth/Physical Science*	3	SCIE	901	Science elective	3
PHL	161	Introduction to Ethics	3	HUMN	211	Introduction to Critical Ethics	2
				HUMN	905	Humanities Elective	1
XXX	XXX	Addl. Arts & Humanities Elective**	3	HUMN	XXX	Humanities Elective	3
CPT	181	Intro to Telecommunications	3	COMP	204	Principles of Computer Networks	2
				COMP	902	Elective	1
CPT	235	Database Management Systems	3	COMP	281	Database Management Systems	3
CPT	203	XHTML and CSS	3	WEBD	101	Intro Web Page Construction	3
		TOTAL	**31**				**31**

Learn more about Franklin University's 3+1 program by scanning the QR code below!

Courses are subject to change. Official transcript evaluation needed to determine specific classes needed for degree.

*Nutrition is not considered a science at Franklin University
**Please check with your Franklin Admissions Counselor for options

****ENG 161 **AND** ENG 164 must be completed to earn full English Composition credit at Franklin