



INDIANA**TECH**

Let Indiana Tech help you take your associate degree to another level.

We make it easy to build upon your Ivy Tech associate degree to earn a bachelor's degree. Find out exactly which classes you need to take on the back of this information sheet.

Indiana Tech will help you financially as well. If you graduated from Ivy Tech after 2010 and have a minimum cumulative GPA of 2.5, you are eligible for the Ivy Tech Merit Scholarship, which will result in a 20 percent reduction in tuition.

USE THIS -----

Associate of Science in CSIA

TO ACHIEVE THIS -----

Bachelor of Science in Cybersecurity

Program Overview

A degree in cybersecurity will prepare you for a career and leadership within the rapidly expanding information security field. Our cybersecurity program blends the technical aspects of information security with a fundamental understanding of criminal investigation.

Hands-on coursework in computer programming, networking, electronics and criminology will arm you with the expertise that today's companies, organizations and law enforcement and intelligence agencies are looking for to protect data. The result is a uniquely effective degree which enables you to become a digital detective ready to protect individual and organizational data, and fight the cyberattacks and crime that take place every day on the Internet.

Graduates with this degree have pursued careers in the following fields:

- Retail/Commerce
- Health Care
- Finance
- Law Enforcement

TRANSFER CREDITS

THESE IVY TECH COURSES			FULFILL	THESE INDIANA TECH REQUIREMENTS		
Associate of Science Degree in CSIA				Bachelor of Science Degree in Cybersecurity		
Written Communication						
ENGL 111	English Composition	3	ENG 1252	Argumentative Writing		3
Speaking and Listening						
COMM 101	Fundamentals of Public Speaking	3	ENG 2322	Research Writing		3
Quantitative Reasoning						
MATH 136	College Algebra	3	MA 1030	Basic Algebra		3
MATH 137	Trigonometry w/Analytic Geometry	3	MA 1055	Applied Trigonometry		3
MATH 200	Statistics	3	MA 2025	Statistical Problem Solving		3
Scientific Ways of Knowing						
BIOL 101	Introductory Biology	3	BIO 1000	Introductory Biology		3
SCIN EL	Life/Physical Science Elective	3	SCI EL	Science Elective		3
Social and Behavioral Ways of Knowing						
PSYC 205	Abnormal Psychology	3	PSY 2520	Abnormal Psychology		3
PSYC 101	Introduction to Psychology	3	PSY 1700	Introduction to Psychology		3
Humanistic and Artistic Ways of Knowing						
PHIL 102	Introduction to Ethics	3	HUM 3710	Ethics		3
Institutional Requirements						
IVYT 111	Student Success in University Transfer	1				
CPIN 279	Computing & Informatics	1				
Program Specific Core						
CSIA 105	Introduction to Cyber Security/ Information Assurance	3	IS 3100	Cybersecurity I		3
CSIA 210	Network Protocol Analysis	3	TECH EL	Technical Elective		3
INFM 109	Informatics Fundamentals	3	TECH EL	Technical Elective		3
ITSP 135	Hardware/Software Support	4	NET 1500	Circuits & Signals		3
NETI 105	Network Fundamentals	3	NET 1200	Network Design I		3
SDEV 120	Computing Logic	3	CS 1250	Problem Solving for Programmers		3
Transfer Cluster						
CSIA 135	Digital Forensics	3	IS 3200	Computer Forensics		3
DBMS 110	Database Design & Management	3	CS 2500	Database Systems		3
SDEV 153	Web Site Development	3	IS 2100	Web Development I		3
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IN ADDITION TO FULFILLING THE COURSE REQUIREMENTS ABOVE, YOU MUST COMPLETE THE FOLLOWING INDIANA TECH COURSES TO ACHIEVE A BACHELOR OF SCIENCE IN CYBERSECURITY:

CJ 1100	Introduction to Criminal Justice Systems	3	APP EL	Approved Elective		3
CJ 2400	Understanding Procedural Law	3	IS 4400	Cybersecurity Project I		3
CJ 2500	Basics of Criminal Investigation	3	IS 4600	Disaster Recovery		3
CJ 3000	3000 or higher for Approved Elective	3	IS 4750	Cybersecurity Project II		3
CJ 3200	Understanding Criminal Behavior	3	NET 1250	Network Design II		3
CS 1500	Introduction to Server Systems	3	NET 3300	Network Security		3
ENG 1272	Analytical Writing	3	SS EL	Social Science Elective		3
HUM EL	Humanities Elective	3	PSY 4540	Forensic Psychology		3
IS 1300	Programming I	3	SS 2800	Introduction to Sociology		3
IS 2300	Programming II	3	CS 3200	Understanding Criminal Behavior		3
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