

AGREEMENT BETWEEN
IVY TECH COMMUNITY COLLEGE AND
IUPUI FOR THE TRANSFER OF CREDITS EARNED IN THE ASSOCIATE OF
SCIENCE IN CYBER SECURITY/INFORMATION ASSURANCE TO THE
BACHELOR OF SCIENCE IN COMPUTER AND INFORMATION TECHNOLOGY
WITH A CONCENTRATION IN INFORMATION SECURITY
Fall 2019

The purpose of this agreement is to provide a framework for the transfer of credits earned in the Associate of Science in Cyber Security/Information Assurance at Ivy Tech Community College (ITCC) into the Bachelor of Science in Computer and Information Technology with a Concentration in Information Security at IUPUI.

The faculty of both institutions have worked together to develop the attached listings of course equivalencies, course requirements for the associate degree, and course requirements for the completion of the baccalaureate degree. The agreement applies to courses taken at ITCC beginning fall 2018. Courses covered by previous transfer agreements still in effect will transfer as specified in those agreements. All other course work taken prior to fall 2018 will be evaluated by the faculty of IUPUI to determine transferability. A maximum of 64 community college credits may be applied toward the BS in Computer and Information Technology with a Concentration in Information Security.

This agreement becomes effective when all signatures are affixed and remains in effect for two years from that date (of last signature). After two years, the agreement may be renewed with or without modification by mutual agreement of ITCC and IUPUI.

Both institutions agree to keep the other aware of curriculum changes as they occur. While both parties to the agreement understand its purpose is to maximize transfer opportunities for students, they also recognize that limits may be placed on courses accepted under the provisions of this agreement, should the student subsequently decide to change to another program not covered by the agreement. It is also understood that this articulation is unlikely to become a transfer statewide articulation pathway (TSAP), and that, if it does, this articulation would become invalidated in deference to the statewide agreement.

Agreed to August 14, 2019
For Ivy Tech Community College



Kara Monroe, Ph.D.
Provost/Senior Vice President



Russell D. Baker, Ed.D.
Vice President for Academic Affairs

For IUPUI



Kathy Johnson, Ph.D.
Executive Vice Chancellor and
Chief Academic Officer



David J. Russomanno (Aug 20, 2019)

David J. Russomanno, Ph.D.
Dean
School of Engineering and Technology



Feng Li (Aug 20, 2019)

Feng Li, Ph.D.
Chair, Computer Information and Graphics
Technology
School of Engineering and Technology

Ivy Tech Community College
Core Curriculum - Curriculum of Record
Associate of Science in Cyber Security/Information Assurance

Full Time

2019 - 2020

Program Code: CSIA

Distance Program Code: 3CSI

The following suggested sequence includes all course requirements for this degree. You must consult with an academic advisor to determine which Transfer Cluster Electives should be chosen to receive the most credit at the receiving college or university.

[Transfer General Education Core](#)

Bloomington - Columbus - Evansville - Fort Wayne - Indianapolis - Kokomo - Marion -
 Richmond - Sellersburg - South Bend/Elkhart - Terre Haute - Valparaiso - Wabash - Warsaw -
 - ALSO AVAILABLE STATEWIDE VIA DISTANCE EDUCATION

Semester 1			
*	ENGL 111	English Composition	3
	INFM 109	Informatics Fundamentals	3
*	COMM 101	Fundamentals of Public Speaking (SL, required)	3
	IVYT 111	Student Success in University Transfer	1
	SDEV 120	Computing Logic	3
	ITSP 135	Hardware/Software Support	4
			Total Semester Credit Hours: 17
Semester 2			
*	XXXX XXX	Social and Behavioral Ways of Knowing	3-4
*	MATH 136	College Algebra (QR)	3
	NETI 105	Network Fundamentals	3
*	XXXX XXX	Scientific Ways of Knowing Elective	3
	SDEV 140	Introduction to Software Development (TCE)	3
			Total Semester Credit Hours: 15
Semester 3			
	CSIA 105	Introduction to Cyber Security/Information Assurance	3
*	PHIL 102	Introduction to Ethics (HA)	3
&*	MATH 137	Trigonometry with Analytic Geometry (QR)	3
*	XXXX XXX	Scientific Ways of Knowing Elective	3-5
*	XXXX XXX	Social and Behavioral Ways of Knowing Elective (used to satisfy an IUPUI Liberal Arts Social Science Baccalaureate competency requirement)	3
			Total Semester Credit Hours: 15
Semester 4			
	CSIA 210	Network Protocol Analysis	3
^	CPIN 279	Computing and Informatics Exploration and Evaluation	1
	SDEV 153	Web Site Development (TCE)	3
	CPIN 239	Systems Analysis and Design (TCE)	3
*	XXXX XXX	Transfer General Education Core (TGEC) Elective	3
			Total Semester Credit Hours: 13

Symbol Key

^ Capstone Course

* Required for Transfer General Education Core (TGEC) Certificate

The Transfer General Education Core – TGEC – Certificate requirements for this degree require a minimum of 30 credits. The TGEC Certificate requires a minimum of one course from six areas of study. The number of TGEC elective courses shown above may vary based on required TGEC course credits earned, area of study, and the student's Individual Academic Plan. The remaining degree requirements provide a mechanism for students to obtain the required minimum 60 credits to graduate with the appropriate Associate level transfer degree.

& Required for TGEC certificate; MATH 123 Quantitative Reasoning is not appropriate selection to satisfy the Mathematics requirement.

AS CSIA = 60 credits

IUPUI Curriculum Bachelor of Science in Computer and Information Technology

A fall program start at IUPUI is recommended due to 4 courses that are only offered in the spring or fall terms.

Semester 5			
	CIT 20700	Data Communications	3
	CIT 21400	Intro to Data Management	3
	20000 Prog.	20000 Programming: CIT 21500, 24200 or 27000	3
#	CIT 29900	Programming for NetSec	3
	CIT 22000	Quantitative Analysis II	3
			Total Semester Credit Hours: 15
Semester 6			
#	CIT 35600	Network O/S Administration	3
#	CIT 40600	Advanced Network Security	3
	OLS 37100	Project Management	3
	CIT 37300	Visual Design for Software	3
	CIT 32000	Quantitative Analysis III	3
			Total Semester Credit Hours: 15
Semester 7			
&#	CIT 41500	Adv. Network Administration	3
&#	CIT 43100	Applied Security Protocols	3
#	CIT 45100	IT Risk Assessment	3
	TCM 3/400	Any 3/400 level TCM course	3
	OLS 25200	Human Behavior in Organizations	3
			Total Semester Credit Hours: 15
Semester 8			
^#	CIT 46000	Wireless Security	3
^#	CIT 42000	Digital Forensics	3
	RISE	CIT 48500, CIT 49000, Internship	3
	XXXX XXX	General elective to reach 120 total credits	3
	XXXX XXX	Baccalaureate Requirement – IUPUI approved Liberal Arts course	3
			Total Semester Credit Hours: 15

Total Credit Requirement to earn BS in Computer and Information Technology with a Concentration in Information Security = **120 credits**

Denotes courses that are part of the Information Security Concentration.

& CIT 41500 and CIT 43100 are only offered in the Fall Semester.

^ CIT 42000 and CIT 46000 are only offered in the Spring Semester.