TRANSFER GUIDE

AAS Information Systems Technology Cybersecurity Specialist Track Transferring into BS Information Technology

Illinois Eastern Community Colleges Courses			
AAS Information Systems Technology Cybersecurity Specialist Track – 61 hours			
ENG 1111-3	Composition I	IST 1260-3	Operating Systems
SPE 1101-3	Fundamentals Effective Speaking	IST 1298-1	Topics in IST
Select 1-3	ECN 1101/PSY 1101/SOC 2101	IST 2202-3	Linux Essentials
MTH 1102-4	College Algebra	IST 2203-3	Cybersecurity Essentials
MATH 1103/1131-3	Liberal Arts Math/Intro Statistics	IST 2205-3	IoT Security
GEN 2297-2	Employment Skills	IST 2206-3	Cybersecurity Operations
IST 1200-3	Intro to Information Technology	IST 2210-3	IST Internship
IST 1201-3	Intro to Networks	IST 2231-3	IoT Connecting Things
IST 1210-3	IT Essentials	IST 2232-3	IoT Big Data Analytics
IST 1220-3	Java Programming	IST 2280-3	Network Security
IST 1240-3	Business Apps Computing		
Southern Illinois University Carbondale Courses Capstone Option			
BS Information Technology (ITEC) – 69 hours			
PHIL 104/105-3	Ethics/Elementary Logic	ITEC 236-3	Web-based Apps in IT
Elective-3	Physical Science	ITEC 265-3	Applied Stats for the IT Profession
Elective-3	Life Science	ITEC 390-3	Career Development for IT Professionals
Elective-3	Fine Arts	ITEC 370-3	Database Programming w/SQL
Elective-3	Multicultural	ITEC 380-3	User Experience Design
ITEC 235-3	System Administration	ITEC 404-3	IT Project Management
ITEC 280-3	Discrete Math for IT	ITEC 412-3	IT: Analysis, Design & Implementation
ITEC 312-3	Programming II	ITEC 495-3	Senior Project I
ITEC 314-3	Ethical & Legal Issues in IT	ITEC Elec-15	300/400 level
ITEC 334-3	Database Design & Processing		
Total Hours to Bachelor Degree: 130 Hours			

Questions? Contact Us!

Salary Range: $32,000-$70,000

Possible Careers: Systems Analyst
Technology Analyst
Database Specialist
Webmaster
Network Specialist

Illinois Eastern Community Colleges
Alyssa Maglone
Assistant Dean of Academic Services
P: 618-879-9443
E: maglonea@iecc.edu

Southern Illinois University Carbondale
Tom Imboden, Program Coordinator
Information Technology Program
P: 618-453-7296
E: timboden@siu.edu

Baccalaureate Degree Requirements

Each candidate for a bachelor's degree must complete the requirements listed:

Hour Requirements. Student must complete at least 120 semester hrs of credit. Each student must have at least 42 hrs in courses that number 300 or above from a four-year institution.

Residence Requirements. Student must complete the residency requirement by taking a total of 42 semester hrs at SIU Carbondale.

Grade Point Average Requirements. Student must have a C average for all work taken at SIU Carbondale. Some academic programs may require a higher graduating major GPA.

Compact Agreement

SIU Carbondale has recognized Illinois regionally accredited community college transferable baccalaureate-oriented Associate of Arts or Associate of Science degrees under the Compact Agreement since 1970. SIUC will continue to recognize the baccalaureate oriented associate degree (A.A. or A.S. degree) under the Illinois Articulation Initiative as satisfying SIU University Core Curriculum (UCC) requirements. The Associate of Applied Science (A.A.S.), Associate in Engineering Science (A.E.S.), the Associate in General Studies (A.G.S.), and the Associate in Fine Arts (A.F.A.) are not covered under the Compact Agreement and do not carry the same benefits as the A.A. and A.S. degrees.

Saluki Transfer Pathways

Saluki Transfer Pathways is the university's dual admission program that allows baccalaureate-oriented students at eligible community colleges intending to transfer to SIU Carbondale to benefit from early admission and pre-advisement for a baccalaureate program at SIUC. Saluki Transfer Pathways allows students to be conditionally admitted to SIU Carbondale up to two years in advance of their intended transfer term so they have access to transfer credit evaluation and the university's degree audit system. This allows students to address major specific requirements that may not be automatically fulfilled with the completion of an associate degree. Students apply to Saluki Transfer Pathways by completing the Application for Undergraduate Admission and indicating an interest in the program. To participate, students must have at least two semesters remaining at their community college. Direct questions about the Saluki Transfer Pathways program to transfer@siu.edu.

DegreeWorks

DegreeWorks is an easy-to-use, online degree audit tool specifically designed for students. Once admitted to SIU Carbondale, you can use it monitor your progress toward your degree in Salukinet.

Saluki Transfer Estimator Portal (STEP)

The Saluki Transfer Estimator Portal (STEP) is a web-based tool that integrates institutional course equivalency and degree audit data to provide an unofficial credit estimation and a more seamless transfer process. STEP gives transfer students a clear roadmap for timely degree completion by providing key information about how transfer credits apply to your intended program at SIU.

Illinois Eastern Community Colleges	2021-2022			Southern Illinios University Carbondale		
AAS Information Systems Technology Cybersecurity Specialist Track - 61 hrs				BS Information Technology (ITEC) - 120 hrs		
				UCC Capstone - 30 hrs		
			Hrs			Hrs
				UNIV 101	Saluki Success	NA
SPE 1101	Fund of Effective Speaking		3	CMST 101	Intro to Oral Communication	T
ENG 1111	Composition I		3	ENGL 101	English Composition I	T
				ENGL 102	English Composition II	NA
MTH 1102	College Algebra		4	MATH 108	College Algebra	T
MTH 1103 -or- 1131	Liberal Arts Math -or- Intro to Statistics		3	MATH 101 -or- 282	Intro to Contemporary Math -or- Intro to Statistics	T
ECN 1101 -or- PSY 1101 -or- SOC 2101	Intro to Econ -or- Gen Psyc I -or- Prin Soc		3	ECON 113 -or- PSYC 102 -or- SOC 108	Econ Contemp Issues -or- Intro Psyc -or- Intro Soc	T
				HUMANITIES		NA
				PHIL 104 -or- 105	Ethics -or- Elementary Logic	3
				PHYSICAL SCIENCE		3
				LIFE SCIENCE		3
				FINE ARTS		3
				HUMAN HEALTH		NA
				MULTICULTURAL		3
			16			15
Program Requirements				Program Requirements		
GEN 2297	Employment Skills		2			
IST 1200	Intro to Information Technology		3			
IST 1210	IT Essentials		3			
IST 1240	Business Apps Computing		3			
IST 1298	Topics in IST		1			
IST 2203	Cybersecurity Essentials		3		Any unarticulated course(s) will be used to satisfy general elective credit.	
IST 2205	IoT Security		3			
IST 2206	Cybersecurity Operations		3			
IST 2210	IST Internship		3			
IST 2231	IoT Connecting Things		3			
IST 2232	IoT Big Data Analytics		3			
IST 1201	Intro to Networks		3	ITEC 224	Network Fundamentals	T
IST 1220	Java Programming		3	ITEC 209	Intro to Programming	T
IST 1260	Operating Systems		3	ITEC 225	Operating Systems	T
IST 2202	Linux Essentials		3	ITEC 227 (elective)	Linux Essentials	T
IST 2280	Network Security		3	ITEC 216	Information Security Fundamentals	T
			45			
				ITEC 280	Discrete Math for IT	3
				ITEC 312	Programming II	3
				ITEC 314	Ethical & Legal Issues in IT	3
				ITEC 334	Database Design & Processing	3
				ITEC 235	System Administration	3
				ITEC 236	Web-based Apps in IT	3
				ITEC 265	Applied Statistics for the IT Profession	3
				ITEC 390	Career Development for IT Professionals	3
				ITEC 370	Database Programming with SQL	3
				ITEC 380	User Experience Design	3
				ITEC 404	IT Project Management	3
				ITEC 412	Information Technology: Analysis, Design & Implementation	3
				ITEC 495	Senior Project I	3
				ITEC Approved Electives	15 hours at 300/400 level	15
						54
Total semester hrs completed w/AAS degree			61	Total semester hrs completed w/BS degree		69
				Total to BS Degree:		130
Degree Plan updated on 6/1/2021 by SG						