Saluki Step Ahead
Southeastern Illinois College
AS Computer Science to BS ITEC

SEMESTER 1 - Southeastern Illinois College

ENG 121	Rhetoric & Composition I	3.0
MATH 128	College Algebra	3.0
IT 119	Basic Software Applications	3.0
PHIL 122	Fundamentals of Logic	3.0
Elective	IAI Life Science	3.0
		15.0

SEMESTER 2 - Southeastern Illinois College

ENG 122	Rhetoric & Composition II	3.0
COM 121	Principples of Speaking	3.0
MATH 141	Statistics	4.0
IT 173	Programming I	3.0
IT 191	Fundamentals of Web Design	3.0
		16.0

SEMESTER 3 - Southeastern Illinois College

PSYC 121/SOC 121	Intro to Psyc -or- Intro Soc	3.0
IT 195	Computer Security I	4.0
IT 273	Programming II	3.0
Elective	IAI Fine Arts	3.0
Elective	IAI Physical Science	4.0
		17.0

SEMESTER 4 - Southeastern Illinois College

IT 215	Network Fundamentals	4.0
Elective	IAI Social Science	3.0
Elective	Science	4.0
Elective	Math	4.0
		15.0

SEMESTER 5 - SIU

ITEC 225	Operating Systems	3.0
ITEC 335	System Administration	3.0
ITEC 280	Discrete Math for IT	3.0
Elective	General Elective	3.0
		12.0

SEMESTER 6 - SIU

ITEC 314	Ethical & Legal Issues in IT	3.0
ITEC 334	Database Design & Processing	3.0
Elective	ITEC Approved, 300-400 Level	3.0
Elective	ITEC Approved, 300-400 Level	3.0
Elective	General Elective	3.0
		15.0

SEMESTER 8 - SIU

ITEC 380	User Experience Design	3.0
ITEC 390	Career Dev for IT Professionals	3.0
ITEC 412	ITEC: Analysis, Design & Implementation	3.0
Elective	ITEC Approved, 300-400 Level	3.0
Elective	ITEC Approved, 300-400 Level	3.0
		15.0

SEMESTER 9 - SIU

ITEC 370	Database Programming with SQL	3.0
ITEC 404	IT Project Management	3.0
ITEC 495	Senior Project I	3.0
Elective	ITEC Approved, 300-400 Level	3.0
Elective	General Elective	3.0
		15.0

TOTAL HOURS: **120.0**