



Saluki Step Ahead
Highland Community College
AS Computer Science to BS ITEC

SEMESTER 1 - Highland Community College

ENGL 121	Rhetoric & Composition I	3.0
MATH 166	College Algebra	4.0
INFT 180	Intro to Information Systems	3.0
Elective	IAI Physical Science	4.0
Elective	College Transfer Elective	1.0
		15.0

SEMESTER 2 - Highland Community College

ENGL 122	Rhetoric & Composition II	3.0
MATH 134	Statistics	4.0
PSY 161/SOCI 171	Intro to Psych -or- Intro to Sociology	3.0
INFT 190	Principles of Computer Science I	3.0
Elective	IAI Life Science	4.0
		17.0

SEMESTER 3 - Highland Community College

SPCH 191/192	Fund Speech Comm -or- Intro Public Speaking	3.0
PHIL 283/282	Intro to Logic -or- Ethics	3.0
CJS 103	Intro to Cyber Security	3.0
Elective	IAI Social Science	3.0
Elective	IAI Fine Arts	3.0
		15.0

SEMESTER 4 - Highland Community College

INFT 284	Network+ Certification	3.0
INFT 290	Principles of Computer Science II	3.0
Elective	Multicultural	3.0
Elective	Science Elective	3.0
Elective	College Transfer Elective	3.0
		15.0

SEMESTER 5 - SIU

ITEC 225	Operating Systems	3.0
ITEC 236	Web-based Applications in ITEC	3.0
ITEC 280	Discrete Math for IT	3.0
ITEC 314	Ethical & Legal Issues in IT	3.0
Elective	General Elective	3.0
		15.0

SEMESTER 6 - SIU

ITEC 235	System Administration	3.0
ITEC 312	Programming II	3.0
ITEC 380	User Experience Design	3.0
Elective	ITEC Approved, 300-400 level	3.0
Elective	ITEC Approved, 300-400 level	3.0
		15.0

SEMESTER 7 - SIU

ITEC 390	Career Development 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
Elective	ITEC Approved, 300-400 level	3.0
		15.0

SEMESTER 8 - SIU

ITEC 370	Database Design & Programming	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	1.0
		13.0

TOTAL HOURS: 120.0