

**Illinois Eastern Community College - Information Systems Technology**

**Franklin University Information Technology Pathway Guide 2015-2016**

**BS Information Technology**

	Course #	Course Title	Credits		Course #	Course Title	Credits
Semester 1	ENG 1111	Composition I	3		PF 321	Learning Strategies (3)	2
	ISM 2201	Systems Analysis and Design	3		ENG 1121	Composition and Analysis	3
	IST 1210	Computer Maintenance and Repair	4		PRE 0420	Intermediate Algebra	3
	IST 1220	Java Programming Web and Mobile	4		XXX XXXX	Science Elective with Lab	4
	MTH 1131	Introduction to Statistics	3		XXX XXXX	Science Elective - no Lab	3
		<b>Semester Hours</b>	<b>17</b>		PSY 1101	General Psychology	3
Semester 2	ACC 1101	Applied Accounting	4		SOC 2102	Principles of Sociology	3
	IST 1240	Business Apps. Computing	3		XXX XXXX	Humanities Elective	3
	IST 1250	Web and Mobile App Development	4		PHI 2101	Introduction to Ethics	3
	IST 1260	Operating Systems	4		ENG 1212	Technical Writing	3
	SPE 1101	Fundamentals of Effective Speaking	3		HUMN 305	Global Issues	4
		<b>Semester Hours</b>	<b>18</b>		ELEC 300	Principles of Information Security	4
Semester 3	GEN 2297	Employment Skills	3		ITEC 275	Computer Networks: Switching, Routing, and WANs	4
	IST 2200	Network Operating Systems	4		ITEC 400	UNIX Administration	4
	IST 2220	CompTIA A+ Cert. Review	3		ITEC 430	Information Technology Project Management	4
	IST 2230	MCSA: Windows 8 Cert. Review	3		ITEC 495	Information Technology Capstone	4
	IST 2270	LANs, WANs, and Wireless	3		MIS 310	Information System Architecture and Technology	4
		<b>Semester Hours</b>	<b>16</b>		MIS 320	Technical Communication	4
Semester 4	IST 2210	IST Internship	2		XXX XXXX	IT Specialization Course	4
	IST 2250	CompTIA Network + Cert. Review	3		XXX XXXX	IT Specialization Course	4
	IST 2260	Network Security	3	<b>Bachelor Degree</b>	<b>Total Credits</b>		<b>137</b>
	IST 2280	MCSA: Windows Server Cert	5				
	ELEC	Gen Ed Elective	3				
		<b>Semester Hours</b>	<b>16</b>				
<b>Associate Degree</b>			<b>Total Hours</b>				<b>67</b>

Cuyahoga Community College course
Franklin University course

Tuition Cost	
IECC (\$83 x 95 credits)	\$7,885
Franklin University - B.S (\$464 x 42)	\$19,488
<b>Total Cost</b>	<b>\$27,373</b>
Cost Savings compared to 4 yrs at Franklin - \$30,163	

**NOTE:** For individual students, please see your Franklin University representative/advisor.