

**Computer and Information Technologies**  
**Associate in Applied Science**  
**Informatics Track**  
**Degree**

**Academic Plan Code** 1101017089

**Academic Subplan Code** 110101719

<b>Contact Information:</b> Dr. Faris Sahawneh				
<a href="mailto:faris.sahawneh@kctcs.edu">faris.sahawneh@kctcs.edu</a>		270-534-3225		
Student Name		Student ID#		
Course		Hours	Grade	Semester
CIT 105 Introduction to Computers		3		
CIT 111 Computer Hardware and Software		4		
CIT 120 Computational Thinking		3		
CIT 170 Database Design Fundamentals		3		
CIT 180 Security Fundamentals		3		
Approved Level I Networking Course		4		
Approved Level I Programming Language Course		3		
CIT 293 CIT Employability Studies		1		
<b>Technical Core Requirements Subtotal</b>		<b>24</b>		
ENG 102 Writing II		3		
Oral Communications Course		3		
CIT 150 Internet Technologies OR		3		
CIT 155 Web Page Development OR		(3)		
CIT 157 Web Site Design and Production		(3)		
CIT 249 Java II OR		3		
INF 260 Object-Oriented Programming I		(3)		
Completion of an Informatics Track Course Sequence in:				
Business OR		9-11		
Data Science OR				
Informatics Programming				
<b>Track Subtotal</b>		<b>21-23</b>		
<b>General Education</b>				
ENG 101 Writing I		3		
MAT 126 Technical Algebra and Trigonometry (or higher)		3		
Social and Behavioral Sciences Course		3		
Heritage or Humanities Course		3		
Natural Sciences Course		3		
<b>General Education Subtotal</b>		<b>15</b>		
<b>Total Credits</b>		<b>60-62</b>		
Revised Date: 9/26/2018				

*WKCTC is an equal opportunity employer and educational institution.*

**KENTUCKY COMMUNITY & TECHNICAL COLLEGE SYSTEM**

All required courses are offered by WKCTC or a partner KCTCS college. Note: 25% of degree credit hours must be taken at WKCTC to meet a residency requirement. Please refer to the KCTCS catalog for a complete listing of courses.

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Course	Hours	Grade	Semester
<b>Approved Level I Networking Courses</b>			
CIT 160 Intro to Networking Concepts	4		
CIT 161 Introduction to Networks	4		
<b>Approved Level I Programming Language Courses</b>			
CIT 140 JavaScript I	3		
CIT 141 PHP I	3		
CIT 142 C++ I	3		
CIT 143 C# I	3		
CIT 144 Python I	3		
CIT 145 Perl I	3		
CIT 146 Swift I	3		
CIT 147 Programming I: Language	3		
CIT 148 Visual Basic I	3		
CIT 149 Java I	3		
CIT 171 SQL I	3		
University Level I Programming Languages as approved by Program Coordinator	3-4		

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<b>Informatics Track Course Sequences</b>			
<b>Business</b>			
IFM 111 Client-Side Informatics Software	3		
IFM 128 Principles of Informatics OR INF 128 Principles of Informatics	3 (3)		
IFM 211 Collaborative Software OR IFM 225 Advanced Informatics OR ACC 201 Financial Accounting OR ACC 202 Managerial Accounting OR ECO 201 Principles of Microeconomics OR ECO 202 Principles of Macroeconomics	3 (3) (3) (3) (3) (3)		
<b>Sequence Subtotal</b>	<b>9</b>		
<b>Data Science</b>			
MAT 155 Trigonometry	3		
MAT 174 Calculus I OR MA 113 Calculus I	4 (4)		
CS 275 Discrete Math OR STA 210 Statistics: A force In Human Judgement OR STA 220 Statistics OR STA 296 Statistical Methods and Motivations	4 (3) (3) (3)		
<b>Sequence Subtotal</b>	<b>10-11</b>		
<b>Informatics Programming</b>			
CIT 253 Data-Driven Web Pages	3		
CS 215 Introduction to Program Design, Abstraction and Problem Solving OR CIT 242 C++ II OR CIT 243 C# II	4 (3) (3)		
CS 216 Introduction to Software Engineering OR STA 210 Statistics: A Force in Human Judgement OR STA 220 Statistics	3 (3) (3)		
<b>Sequence Subtotal</b>	<b>9-10</b>		

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Semester 1 (Schedule To Be Completed by Student and Advisor)		
Course No.	Course Title	Credit Hours
Subtotal		

Semester 2 (Schedule To Be Completed by Student and Advisor)		
Course No.	Course Title	Credit Hours
Subtotal		

Program Coordinator Notes:
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Semester 3 (Schedule To Be Completed by Student and Advisor)		
Course No.	Course Title	Credit Hours
Subtotal		
Semester 4 (Schedule To Be Completed by Student and Advisor)		
Course No.	Course Title	Credit Hours
Subtotal		
Program Coordinator Notes:		



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Semester 5 (Schedule To Be Completed by Student and Advisor)		
Course No.	Course Title	Credit Hours
Subtotal		
Semester 6 (Schedule To Be Completed by Student and Advisor)		
Course No.	Course Title	Credit Hours
Subtotal		
Program Coordinator Notes:		

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