

## **PROG1001 Foundations of Computer Science**

## Student Tracking Record (STR)

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| Module 1: Introduction to Computers (15 hours)  * Log into TestOut, and go through the chapter called “Introduction to Computers”   + Chapter 1.1: The Information Age     1. 1.1.11 - Activity: Research Computing Devices ***2 Hours***     2. 1.1.12 - Concept Quiz ***2 Hours***   + Chapter 1.2: How Computers Work     1. 1.2.14 - Concept Quiz ***2 Hours***   + Chapter 1.3: Peripheral Devices     1. 1.3.9 - Install Peripherals (USB Devices) ***2 Hours***     2. 1.3.10 - Concept Quiz ***2 Hours***   + Chapter 1.4: Processing and Storage Hardware     1. 1.4.10 - Set Up a Computer ***2 Hours***     2. 1.4.11 - Concept Quiz ***2 Hours***   + Chapter 1.5: Operating Systems     1. 1.5.9 - Update Drivers ***2 Hours***     2. 1.5.11 - Manage Applications ***2 Hours***     3. 1.5.13 - Change Windows Settings ***2 Hours***     4. 1.5.14 - Concept Quiz ***2 Hours***   + Chapter 1.6: File Management     1. 1.6.6 - Manage Files and Folders ***2 Hours***     2. 1.6.8 - Assign File Permissions ***2 Hours***     3. 1.6.10 - Concept Quiz ***2 Hours***   + Chapter 1.7: Application Software     1. 1.7.14 - Use Desktop Applications ***2 Hours***     2. 1.7.16 - Print a Document ***2 Hours***     3. 1.7.17 - Concept Quiz ***2 Hours*** * Complete the following assignment, and submit your answers in the corresponding assignment in Canvas:   + Assignment 1-1: Computer Repair ***3 Hours***   + Assignment 1-2: Installing an Operating System on a Virtual Machine ***3 Hours*** | Hours   ***40/120 Hours*** | |
| Module 2: Networking (15 hours)  * Log into TestOut, and go through the chapter called “Networking”   + Chapter 2.1: The Internet     - 2.1.13 - Copy Files to OneDrive ***2 Hours***     - 2.1.14 - Concept Quiz ***2 Hours***   + Chapter 2.2: Web Browsers     - 2.2.11 - Clear Browser Cache ***2 Hours***     - 2.2.13 - Configure Browser Settings ***2 Hours***     - 2.2.14 - Concept Quiz ***2 Hours***   + Chapter 2.3: Networking Basics     - 2.3.9 - Connect a Cable Modem ***2 Hours***     - 2.3.11 - Set Up an Ethernet Connection ***2 Hours***     - 2.3.12 - Concept Quiz ***2 Hours***   + Chapter 2.4: Networking Standards and Protocols     - 2.4.11 - Use a Wireless Network ***2 Hours***     - 2.4.12 - Concept Quiz ***2 Hours***   + Chapter 2.5: Application Delivery     - 2.5.12 - Configure Windows Update ***2 Hours***     - 2.5.13 - Concept Quiz ***2 Hours*** * Complete the following assignments in your study guide, and submit your answers in the corresponding assignment in Canvas:   + Assignment 2-1: Networking ***5 Hours*** | Hours ***69/120*** | |
| Module 3: Databases and Programming (50 hours)  * Log into TestOut, and go through the chapter called “Databases and Programming”   + Chapter 3.1: Databases     1. 3.1.10 - Explore an Access Database ***2 Hours***     2. 3.1.12 - Tables and Relationships ***2 Hours***     3. 3.1.13 - Concept Quiz ***2 Hours***   + Chapter 3.2: Interfacing with Databases     1. 3.2.11 - Create Queries for a School Database ***2 Hours***     2. 3.2.12 - Concept Quiz ***2 Hours***   + Chapter 3.3: Introduction to Programming     1. 3.3.9 - Concept Quiz ***2 Hours***   + Chapter 3.4: Programming Terms and Concepts     1. 3.4.9 - Concept Quiz ***2 Hours*** * Complete the following assignments in your study guide, and submit your answers in the corresponding assignment in Canvas:   + Assignment 3-1: Khan Academy Courses ***10 Hours***   + Assignment 3-2: Making, and hosting your own webpage. ***5 Hours*** | | Hours ***98/120*** |
| Module 4: Information Systems and Security (10 hours)  * Log into TestOut, and go through the chapter called “Information Systems and Security”   + Chapter 4.1: Information Systems     1. 4.1.8 - Concept Quiz ***2 Hours***   + Chapter 4.2: Data     1. 4.2.9 - Concept Quiz ***2 Hours***   + Chapter 4.3: Threats to Data     1. 4.3.8 - Recognize Social Engineering Exploits ***2 Hours***     2. 4.3.9 - Concept Quiz ***2 Hours***   + Chapter 4.4: Security Concepts     1. 4.4.10 - Concept Quiz ***2 Hours***   + Chapter 4.5: Personal Data and Device Security     1. 4.5.12 - Use Windows Defender ***2 Hours***     2. 4.5.14 - Configure Windows Firewall ***2 Hours***     3. 4.5.15 - Concept Quiz ***2 Hours***   + Chapter 4.6: Corporate Data Security     1. 4.6.12 - Use Backup Software ***2 Hours***     2. 4.6.13 - Concept Quiz ***1 Hours*** | | Hours ***117/120*** |
| Module 5: Communication (30 hours)  * Work with the Student Success Center to learn about Communication   + Communications Style Inventory Survey ***1 Hour***   + Conflict Management Style ***1 Hour***   + Non-Verbal Communication Quiz ***1 Hour*** | | **Hours**  ***120/120*** |