INTERMEDIATE COMPUTER TECHNOLOGY PROGRAM OUTLINE

Course Description

This Intermediate CT program picks up where the Beginner program leaves off as we look into Data Analysis and Quality Assurance Testing. The student will begin with a brief review of the previous program and then move forward to how to test that program in a variety of ways, including an introduction to cyber security.

Course Outline:

The course outline below reflects the lesson breakdown for this course offering. The lessons are broad in scope and consist of multiple lessons for each topic.

Setting up your Environment	Quality Assurance Testing	Code review process
Beginner CT Review	Logic Diagrams & Documentation	Internet Intermediate
Intro to Hardware Troubleshooting	Compare Data and Storage Types	Review
Tracing the program	Operating System Roles	Final
Intermediate Computational Artifacts	Intro to Data Sets	
Application Program Interfaces	Intro to Abstraction	

Quizzes and Labs

These are essential to our classes to ensure that the lessons instructed are understood and each student is progressing through the course. They could consist of daily, weekly or any combination of the two. The Online Hybrid offering has quizzes but not labs.

Homework

Homework is part of most classes and can consist of different things specific to that class. Homework will need to be turned in by the due date. Homework for online courses need to be completed and returned to move to the next module.

Course Offering

AM, Online Hybrid