



**Individualized Training Program
Computer Science**

Student: _____ Teacher: _____
Grade: _____ Cell#: _____ Teacher Phone#: _____
Email: _____ Industry Partner: _____

CLASSROOM	ON-THE-JOB
<p>CAREER DEVELOPMENT (10)</p> <ul style="list-style-type: none"> • Career Planning • Goal Setting • Job Search • Job Applications • Resume • Job Correspondence • Job Interviewing Assessment 	<p>CAREER DEVELOPMENT (10)</p> <ul style="list-style-type: none"> • Job Interviewing and Follow-up • Employment Testing • New Employee Orientation • Job Application • Positive Work Habits • Professional Image (Dress code)
<p>GENERAL EMPLOYABILITY (15)</p> <ul style="list-style-type: none"> • Problem Solving • Critical Thinking • Listening, Speaking and Reading • Oral and Written Communication (Emails) • Algebraic Thinking • Code Documentation • Interpersonal skills • Client Interaction • Professionalism • Positive Self Esteem 	<p>GENERAL EMPLOYABILITY (15)</p> <ul style="list-style-type: none"> • Problem Solving • Critical Thinking • Listening, Speaking and Reading • Oral and Written Communication (Emails) • Algebraic Thinking • Code Documentation • Interpersonal skills • Client Interaction • Professionalism • Positive Self Esteem
<p>CODE DESIGN AND IMPLEMENTATION (60)</p> <ul style="list-style-type: none"> • Algorithm • Pseudocode • Program Design (comments, flowcharts, and documentation) • Fundamentals (variables, syntax, data types) • Classes and objects • Inheritance and polymorphism • Event-based programming • Subroutines (methods and functions) • Control structure and logic (loops and ifs) • Decision structure • Data structure (arrays and lists) • Project-based assessment • Creative practice 	<p>PRACTICAL APPLICATIONS</p> <ul style="list-style-type: none"> • Legitimate Workplace Participation • Professional Workflow • Project-Based Assessment • Individual Study Projects • App Development (including Web Design and Digital Media) • Physical Computing • Internships / Community Classroom • Concurrent / Dual Enrollment