

# **Pitt County Schools**

Program Area – Business and Information Technology Education

## **Pacing Guide**

### **6421 Computer Programming I**

Course Name

<b>TOPICS/CONCEPTS</b>	<b>GRADING PERIOD</b>	<b>TIME (days)</b>	<b>CURRICULUM OBJECTIVES</b>
History and Evolution of Computer Programming	1	4	1.01, 1.02, 1.03, 1.04
Concepts of Object-Oriented Programming	1	3	2.01, 2.02, 2.03
Opportunities/Trends in Information Technology	1	2	3.01, 3.02
Solution Development Process	1	3	4.01, 4.02, 4.03
Proper Programming Style	1	4	5.01, 5.02
Visual Basic.NET Programming Environment	1	9	6.01, 6.02, 6.03, 7.01, 7.02, 8.01, 8.02
Use of VB.NET Forms	1	4	9.01
Controls/Control Properties Associated with VB Forms	2	9	9.02, 9.03
Coding Structure in VB.NET	2	8	10.01, 10.02, 10.03
Decision-Making Statements	2	9	11.01, 11.02, 11.03, 11.04
Looping Code Demonstration	2	5	12.01, 12.02, 12.03
Menu Structures	3	4	13.01, 13.02
VB.NET Advanced Programming Elements	3	26	14.01, 14.02, 14.03, 15.01, 15.02, 15.03, 16.01, 16.02, 16.03