

**Computer and Business Technology-Year Two**  
**St. Lawrence-Lewis BOCES CTE Centers**

Unit of Study	Unit Hours	Math Hours	Science Hours
<b>I. Year One Fundamentals</b>	<b>20</b>		<b>4</b>
A. Workplace Safety			4
B. Review of Web Design I			?
C. Review of Data Structures I			?
<b>II. Advanced Web Design</b>	<b>130</b>	<b>12</b>	<b>20</b>
A. Integrating JavaScript with HTML5		3	
B. Creating Pop-up Windows, Adding Scrolling Messages, and Validating Forms		7	
C. Using DOM to Enhance Web Pages		2	
D. Creating and Using XML Documents			
E. Attracting Visitors to Your Web Site			
F. Converting Frames on Your Web Site			
<b>III. Data Structures: App Programming</b>	<b>150</b>	<b>6</b>	
A. Handling Exceptions and Events			
B. Advanced GUIs and Graphics			
C. Recursion		2	
D. Searching and Sorting		4	
E. Mobile Device / App Development			
F. Web Applications			
<b>IV. Introduction to Business</b>	<b>150</b>	<b>56</b>	<b>25</b>
A. Exploring the World of Business and Economics		5	
B. Being Ethical and Socially Responsible			
C. Exploring Global Business		1	
D. Choosing a Form of Business Ownership		1	
E. Small Business, Entrepreneurship, and Franchises		4	
F. Understanding the Management Process			
G. Creating a Flexible Organization			
H. Producing Quality Goods and Services		3	
I. Attracting and Retaining the Best Employees		15	
J. Motivating and Satisfying Employees and Teams			
K. Building Customer Relationships through Effective Marketing		10	
L. Creating and Pricing Products that Satisfy Customers		5	
M. Wholesaling, Retailing, and Physical Distribution		2	
N. Developing Integrated Marketing Communications			
O. Social Media and e-Business			
P. Using Management Information Systems and Accounting Information		2	
Q. Understanding Money, Banking, and Credit		8	

<b>Unit of Study</b>	<b>Unit Hours</b>	<b>Math Hours</b>	<b>Science Hours</b>
R. Mastering Financial Management			
S. Understanding Personal Finances and Investments			
<b>V. Career and College Preparation</b>	Integrated		
A. Interest and Aptitudes			
B. Career Planning Key Terms			
C. Forming the Career Plan			
D. Career and Financial Management			
E. Performance Standards/Supporting Competencies			
F. Communication			
G. Career Exploration			
H. Self-Evaluation			
I. Participation in annual calendar of events for Career Planning			
<b>Total Hours</b>	<b>450</b>	<b>74</b>	<b>49</b>