

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

Unit of Study	Unit Hours	Math Hours	Science Hours
I. Year One Fundamentals	20		4
A. Workplace Safety			4
B. Review of Web Design I			?
C. Review of Data Structures I			?
II. Advanced Web Design	130	12	20
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			
III. Data Structures: App Programming	150	6	
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			
IV. Introduction to Business	150	56	25
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	

Unit of Study	Unit Hours	Math Hours	Science Hours
R. Mastering Financial Management			
S. Understanding Personal Finances and Investments			
V. Career and College Preparation	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			
Total Hours	450	74	49