

Introduction to Software Technology Pacing Guide	
Week 1:	IST Chapter 1: Technology in our World
	1. Artificial Intelligence
	2. Technology's Impact on Careers
	3. Careers in Technology
	4. Programming Languages
	5. Reflection: Technology in our World
	AI & Renewable Energy
Week 2:	IST Chapter 2: Hello World (Part 1)
	1. What is HTML?
	2. HTML Syntax
	3. HTML Elements
	4. HTML Images and File Paths
	5. Quiz: HTML
	Right to Repair: John Deer Tractors & Apple Computers
Week 3:	IST Chapter 3: Hello World (Part 2)
	1. What is CSS?
	2. CSS Selectors
	3. Styling HTML Text with CSS
	4. Positioning HTML Elements with CSS
	5. Quiz: CSS
	CS as a toolkit for sustainability
Week 4:	IST Chapter 4: Website Customization
	1. Hello World Mockup
	2. Implementing Design (Part 1)
	3. Implementing Design (Part 2)
	4. Hello World Presentation Design
	5. Hello World Website Presentations
	Gig Tech Economy
Week 5:	IST Chapter 5: Hello World (Part 3)
	1. What is Javascript?
	2. Javascript Syntax and Variables
	3. HTML Buttons and Javascript Functions
	4. Working with HTML elements in Javascript
	5. Quiz: Javascript
	AI & Ocean Transport
Week 6:	IST Chapter 6: Hello World (Part 4)
	1. Changing Colors with Javascript
	2. Toggling Colors with Javascript Conditional Statements

	3. Changing Text Size Dynamically
	4. Changing Text Position Dynamically
	5. Quiz: HTML, CSS, Javascript
	The Future of Car Dealerships
Week 7:	IST Chapter 7: Computer Networks and Cybersecurity
	1. Introduction to Networks
	2. Network Hardware
	3. Cybersecurity and Online Risks
	4. Natural and Man-made Networks
	5. Infamous Cyber Attacks
	Why Cyber Security Matters
Week 8:	IST Chapter 8: Computer Hardware
	1. Computer Hardware
	2. Exploring Your Computer Hardware
	3. Your Dream Computer
	4. Historical figures in Computer Science
	5. Historical Figures Presentation
	Future of Teaching with AI
Week 9:	IST Chapter 9: Computer Ethics
	1. Computer Ethics and Privacy
	2. Computer Ethics and Virtual Reality
	3. Computer Ethics and A.I.
	4. Computer Ethics Case Study
	5. Presentation: Ethical Case Study
	Automation and Jobs
Week 10:	IST Chapter 10: Build Your Own Business (Part 1)
	1. Choosing Your Business Idea
	2. Creating a Content Outline
	3. Color Scheme and Font Families
	4. Finding a Website Template
	5. Exploring the Template Code
	Cryptocurrency
Week 11:	IST Chapter 11: Build Your Own Business (Part 2)
	1. Creating the Image Gallery webpage
	2. Selecting Gallery Images
	3. Styling the Image Gallery (1)
	4. Styling the Image gallery (2)
	5. Reflection: Creating the Image Gallery
	Tech Bubbles
Week 12:	IST Chapter 12: Build Your Own Business (Part 3)
	1. Creating the About page

	2. Exploring the About page template
	3. Customizing the About page
	4. Business Website Presentations
	5. Business Website Reflections
	Too much digital content?
Week 13:	IST Chapter 13: Multi-page Website (Part 1)
	1. Creating a Content Outline (1)
	2. Creating a Content Outline (2)
	3. Using Stock Photos (Part 1)
	4. Using Stock Photos (Part 2)
	5. Reflection: Outlining Content and Images
	AI and Protein folding
Week 14:	IST Chapter 14: Multi-page Website (Part 2)
	1. Creating the Home page
	2. Constructing the Navigation Bar
	3. Adding Hyperlinks to the Navigation Bar
	4. Customizing Home Page
	5. Quiz: Navigation Bars and Hyperlinks
	5G and Real time surgery
Week 15:	IST Chapter 15: Multi-page Website (Part 3)
	1. Designing the Gallery Page (1)
	2. Designing the Gallery Page (2)
	3. Customizing Image Gallery (1)
	4. Customizing Image Gallery (2)
	5. Reflection: Designing Gallery Page and Image Gallery
	Weaponized Drone Warnings
Week 16:	IST Chapter 16: Multi-page Website (Part 4)
	1. Embedding Videos
	2. Creating Hyperlink List
	3. Customizing Resources Page
	4. Multi-page Website Presentation
	5. Reflection: Designing the Multi-page Website
	Robots and Agriculture
Week 17:	IST Chapter 17: Future Business Leaders of America (FBLA)
	1. Objectives of FBLA
	2. Business and Education
	3. Student Opportunities
	4. Community Service
	5. Competitive Events
	How E-Commerce (CS platforms) increases suburban warehouses
Week 18:	Review for Final

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