

Computer Formatting and Applications II

Subject:	Computer Formatting & Applications II	Course/Grade Level:	10, 11, 12
Focus Statement:	Students will utilize advanced digital applications to create and manipulate graphical and data-based computer applications.		

Outcome 1:

CTE.CFII.1		Students will be able to create, manipulate and display graphically a given quantity of data using spreadsheet software.			
Pacing:		Local Code:	Components:	CTE Standards	Cross Referenced
Instruct	Assess		Students will:		
		CFII.1.1	Organize data using a spreadsheet.	1a 4b	
		CFII.1.2	Identify errors in formulas and troubleshoot solutions.	6c	
		CFII.1.3	Apply advanced formulas to produce intended outcomes. ("IF Statements, Nested IF's")	6b	
		CFII.1.4	Select and create a graphic representation using given data.	6b	
		CFII.1.5	Apply conditional formatting to highlight different data points.	6a	
		CFII.1.6	Create pivot tables using given data.		

Outcome 2:

CTE.CFII.2		Students will construct and describe all core components of a computer and will replace and upgrade modular components of a computer system.			
Pacing:		Local Code:	Components:	CTE Standards	Cross Referenced
Instruct	Assess		Students will:		
		CFII.2.1	Identify modular components in a standard desktop computer.	6a	
		CFII.2.2	Describe the role of each modular component within the computing environment.	6d	
		CFII.2.3	Explain and demonstrate (Electro-Static Discharge) ESD safe procedures when working on ESD susceptible products.	6d	
		CFII.2.4	Assemble a working desktop computer from modular components.	4c	

Outcome 3:

CTE.CFII.3		Students will apply a variety of production techniques to design, plan and produce a short video.			
Pacing:		Local Code:	Components:	CTE Standards	Cross Referenced
Instruct	Assess		Students will:		
		CFII.3.1	Identify a scenario and create a script for that scenario.	1a	
		CFII.3.2	Write a short narrative of what the audience will see and define which style the video will take.	1b	
		CFII.3.3	Design a shot plan for every scene.	3a	
		CFII.3.4	Record video.	1b	
		CFII.3.5	Edit video for final form using video editing software.	4c	

		CFII.3.6	Upload video in final form to online video forum.	6b, d	
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Outcome 4:

CTE.CFII.4		Students will design and create a database to query that database in order to extract specific information as requested.			
Pacing:		Local Code:	Components:	CTE Standards	Cross Referenced
Instruct	Assess		Students will:		
		CFII.4.1	Design a database utilizing different data-types.	1a	
		CFII.4.2	Create a database.	4b	
		CFII.4.3	Write a query to extract specific requested information from a given database.	4a	