

Computer Graphics		
Standards	Fall Semester	
CTE model	Topics Covered	Number of Days
	Classroom rules, procedures, and expectations (syllabus handout)	3
3.8, 10.1	Understanding computer graphics in the context of graphic design Read article about graphic design elements	2
	Understanding how the creative cloud set of programs work Understanding how to sync Adobe CC with google accounts Set up Adobe CC accounts	2
2.6	Log in to adobe CC account Find royalty free photos on google	2
10.3, A2.6	Cropping and resizing photos Open a picture in photoshop Crop it to a given size Save the photo	1
10.3, A2.6	Backgrounds and transparencies Read tutorial: how to create transparent backgrounds	1
10.3, A2.6	Photoshop layers Demonstrate adding layers on photoshop - students will work with multiple layers	2
	Quiz: CANVAS and practical, journal check	1
10.1, A2.6	Read article: photoshop layers 101 <a href="https://photoshopcafe.com/tutorials/layers/intro.htm">https://photoshopcafe.com/tutorials/layers/intro.htm</a> Read article Identify and define vocabulary words Log in to photoshop	1
10.1, A2.0, A2.6	Read article: 2019 Web Design Trends <a href="https://www.theedesign.com/blog/2018/web-design-trends-2019">https://www.theedesign.com/blog/2018/web-design-trends-2019</a> Read article Identify and define vocabulary words Log in to photoshop	1
2.4, 2.5, 3.8, 8.2 8.3, 8.6, A2.0, A2.6	Designing website: choosing the right service to design your website Look for free web design services on google Post them on discussion board Create accounts.	2
2.4, 2.5, 3.8, 10.1, A2.6	Read article: How to design a business card <a href="https://www.castleprint.co.uk/design-business-card/">https://www.castleprint.co.uk/design-business-card/</a> Read article Identify and define vocabulary words Log in to illustrator	1
2.4, 2.5, 3.8, A2.6	Choosing fonts and font placement Demonstrate layering fonts on top of background using illustrator	1
2.4, 2.5, 3.8, A2.6	Choosing color schemes Choose a color scheme for your business card and work within your color scheme.	1
2.4, 2.5, 3.8, 8.2 8.3, 8.6, A2.0, A2.6, 2.6, 3.8, 10.1, 2.6 A2.7. A2.7. A2.9	6WK Assessment: demonstrate understanding of graphic design concepts and photoshop tools	1

10.1, 2.4, 2.5, 3.8, 10.1, A2.6 6	Selecting using marquee and lasso tools Article: <a href="https://www.elated.com/articles/photoshop-marquee-and-lasso-tools/">https://www.elated.com/articles/photoshop-marquee-and-lasso-tools/</a> Read article: define words and tools in journal Try lasso and marquee tools on a picture	2
10.3, A2.6	Using lasso tools Demonstrate the difference between regular lasso and magnetic lasso backgrounds Use magnetic lasso on a photo	2
10.1, A2.6	Using paint tools Article: <a href="https://helpx.adobe.com/photoshop/using/painting-tools.html">https://helpx.adobe.com/photoshop/using/painting-tools.html</a> Read article: define words and tools in journal Try the different paint tools discussed in article on a new photoshop file	2
10.3, A2.6	Paint tools: demo and lesson Activity: Students will create their own image using a blank background as their canvas. Students will use multiple colors and various paint tools learned from previous lesson	3
10.3, A2.6	Using paint tools over an already existing photograph Activity: find a photograph on pexels.com and trace over it on a new layer with the paint tool	2
2.4, 2.5, 3.8, 8.2 8.3, 8.6, 10.1, A2.0, A2.6 , A2.7. A2.9	Designing a poster Article: <a href="https://designshack.net/articles/inspiration/10-tips-for-perfect-poster-design/">https://designshack.net/articles/inspiration/10-tips-for-perfect-poster-design/</a> Read article: define words and tools in journal	1
2.4, 2.5, 3.8, 8.2 8.3, 8.6, A2.0, A2.6 , A2.7. A2.7. A2.9	Designing a poster (project) Students will design an effective attention-grabbing poster with the purpose of promoting an event Lesson: demonstrate different types of posters and how to achieve different styles and designs Students will follow and apply Students will create their own	5
2.4, 2.5, 3.8, 10.1, A1.2, A2.6	Principles of design Article: <a href="https://www.thoughtco.com/principles-of-graphic-design-1077541">https://www.thoughtco.com/principles-of-graphic-design-1077541</a> Read principles of design article Write vocabulary words and definitions in journal	1
2.4, 2.5, 3.8, 8.2 8.3, 8.6, A2.6	Start self portrait mini-project: create a piece on photoshop that is representative of yourself Lesson: demonstrate self portrait projects Start self portrait	2
2.4, 2.5, 3.8, 10.1, A1.2, A1.5, A2.0, A2.6	Principles of design pt 2 Article: <a href="http://www.digital-web.com/articles/principles_of_design/">http://www.digital-web.com/articles/principles_of_design/</a> <a href="https://www.lifewire.com/principles-of-graphic-design-1077541">https://www.lifewire.com/principles-of-graphic-design-1077541</a> Read principles of design article Write vocabulary words and definitions in journal Activity: scavenger hunt: find examples of principles of designs in projects	2
10.3 A1.2 , A2.6	Use Adobe Illustrator to create original illustrations: introduce essential Ai tools Introduce draw tools, shapes, lines, and paintings	1
10.3, A1.2	Use layers in Adobe Illustrator Create an illustration with more than one layer	1
10.1. A1.2 , A2.6	Use paint fill tools in Adobe Illustrator Article: <a href="https://helpx.adobe.com/illustrator/using/painting-fills-strokes.html">https://helpx.adobe.com/illustrator/using/painting-fills-strokes.html</a> Read article Create illustrations with different color fills	1
10.3, A1.2 , A2.6	Trace over a drawing or photo Find a photo or draw your own to be traced over in illustrator	1

10.1, A1.2 , A2.6	Illustrator image trace Article: <a href="https://www.stickermule.com/blog/how-to-use-image-trace-in-adobe-illustrator">https://www.stickermule.com/blog/how-to-use-image-trace-in-adobe-illustrator</a> Read image trace articles Write vocabulary words and definitions in journal Activity: find vector illustrations on google	1
2.6	Use google to find royalty free illustrations and vector art Find royalty free illustrations and vector designs on google and post them on the discussion board	1
10.3, A1.2 , A2.6	Use image trace on royalty free illustrations Download a royalty free illustration and apply image trace to it	1
10.3, A1.2 , A2.6	Ungrouping and manipulating illustrations Ungroup illustrations	1
10.3, A1.2 , A2.6	Manipulate photos and illustrations using image trace Manipulate an illustration and add your own twist to it using image trace.	1
2.4, 2.5, 3.8, 10.1, A1.2, A1.5, A2.0, A2.6 , 10.3, A2.7. A2.7. A2.9	6WK Assessment: Adobe illustrator, photoshop, image trace	1
10.3, A1.2 , A2.6	Use curvature and brush tools Download a royalty free Create an illustration of your favorite cartoon character	3
10.1. A1.2 , A2.6	Illustrator perspective drawing Article: <a href="https://helpx.adobe.com/illustrator/using/perspective-drawing.htm">https://helpx.adobe.com/illustrator/using/perspective-drawing.htm</a> Read image perspective article Write vocabulary words and definitions in journal Activity: find samples of perspective drawings	1
10.3, A1.2 , A2.6	Create perspective drawing Design your own perspective drawing	3
2.4, 2.5, 3.8, 8.2 8.3, 8.6, 10.1, A1.2 , A2.6 , A2.7. A2.7. A2.9	Designing a video game scene Video game design perspectives article: <a href="http://mohabkhalifaunit40.blogspot.com/2015/03/video-game-perspective.html">http://mohabkhalifaunit40.blogspot.com/2015/03/video-game-perspective.html</a> Look at examples of video game scenes Put together list of components that go into a video game scene	5
10.1, A1.2 , A2.6	7 ways adobe illustrator is being used today. articles: <a href="https://www.creativelive.com/blog/how-illustrator-is-used/">https://www.creativelive.com/blog/how-illustrator-is-used/</a> Read article - discuss other ways adobe illustrator is used in design	1
2.4, 2.5, 3.8, 8.2 8.3, 8.6, 10.1, A1.2 , A2.6	Creating clothing designs in adobe illustrator Articles: <a href="https://helpx.adobe.com/illustrator/how-to/design-a-tshirt.html">https://helpx.adobe.com/illustrator/how-to/design-a-tshirt.html</a> <a href="https://99designs.com/blog/design-tutorials/create-a-t-shirt-design-and-prepare-it-for-print/">https://99designs.com/blog/design-tutorials/create-a-t-shirt-design-and-prepare-it-for-print/</a> Read articles - define vocabulary in journal	1
2.4, 2.5, 3.8, 8.2 8.3, 8.6, 10.1, A1.2 , A2.6 , A2.7. A2.7. A2.9	T-Shirt design project Download template and open in illustrator Make modifications to template Look at t-shirt design samples article - decide on a theme Begin designing front of shirt	5
2.4, 2.5, 3.8, 8.2 8.3, 8.6, 10.1, A1.2 , A2.6, A2.7. A2.7. A2.9,	Semester review and Semester Final (E1): demonstrate understanding of graphic design concepts and photoshop tools. Adobe illustrator, photoshop, image trace. Perspective drawings, game design, curvature and brush tools.	2