Assessment Materials

[Winthrop's Learning Design and Technology Graduate Program, LTEC 642]

Project Resources

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Assessment of Learners Materials Section: **Assignment (A3)**

Multiple Choice Quiz

1. How do you replace existing sample text in a Canva infographic template?
   a. **In the Canva interface, click on text boxes within the template to select them and then type your own text.**
   b. In the Canva interface, adjust colors between text and background to ensure high contrast.
   c. In the Canva interface, click "Save" and then type in the name of your document.
   d. In the Canva interface, access the "Elements" window and paste words into the infographic that will best fit your topic.
2. When modifying, removing, or replacing images using the Canva editor interface, it is **MOST** important to consider which factor?
   a. Whether Canva will automatically save the changes to the infographic.
   b. Whether you should add enough visuals to completely fill up the background or if you should leave one corner of negative space.
   c. **Whether visuals match the topic and are inclusive (representation of all genders, races, abilities, etc.).**
   d. Whether you should download the infographic as a PDF or as a PNG save file.
3. Why is it important to assess and modify contrast of text colors and background colors in an infographic?
   a. To enhance your chances of impressing the boss or students.
   b. **To enhance visual appeal and adhere to accessibility accommodations.**
   c. To ensure colors match the company logo.
   d. To ensure the infographic is visually satisfying.
4. Which factor **WOULD NOT** necessitate the addition or removal of visual and textual elements within an infographic?
   a. Consistency in font size, style, and alignment.

     b. Coherence in spacing and size of elements.

     c. The design is overly busy or visually cluttered and might ignore accessibility accommodations.

     d. Many learners have a visual learning style and therefore infographics should cater to that need.

5. Which is the best way to save an infographic in Canva

     a. Press Ctrl+Alt+Delete then hold the power button down for ten whole seconds.

     b. Locate the "File" menu, use the Pencil icon to edit the file name, then click "Save".

     c. Just close the program and hope everything auto-saves.

     d. Click on the "Share" Button, click "Download", and select the file format (e.g., PNG, JPEG, PDF).

6. How do you download your infographic from Canva?

     a. Take a screenshot and email it to yourself, then from your email, download the attachment.

     b. Hover your mouse over the infographic, right click, and choose "Save As" and name the file "Infographic."

     c. Click on the "Share" Button, click the "Download" button, and select the preferred file format (e.g., PNG, JPEG, PDF).

     d. Sketch the infographic on paper, keeping an eye for detail and using colored pencils when needed.

7. The Learning Styles myth is defined as

     a. Individuals are either left-brained (logical, analytical) or right-brained (creative, intuitive), and teaching should cater to these preferences.

     b. Younger generations, having grown up with technology, are inherently more skilled in using digital tools for learning.

     c. Learners have a preferred learning style - visual, auditory, reading, and kinesthetic - and teachers should differentiate learning to accommodate the preferred method for each student.

     d. Learners remember 10% of what they read, 20% of what they hear, 30% of what they see, 50% of what they hear and see, 70% of what they say and write, and 90% of what they say and do.

8. The Digital Natives myth is defined as:

     a. Younger generations, having grown up with technology, are inherently more skilled in using digital tools for learning.

     b. Learners have a preferred learning style - visual, auditory, reading, and kinesthetic - and teachers should differentiate learning to accommodate the preferred method for each student.

     c. Individuals are either left-brained (logical, analytical) or right-brained (creative, intuitive), and teaching should cater to these preferences.

      d. Learners remember 10% of what they read, 20% of what they hear, 30% of what they see, 50% of what they hear and see, 70% of what they say and write, and 90% of what they say and do.

9. The 10-20-30-50-70-90 myth is defined as:
      a. Younger generations, having grown up with technology, are inherently more skilled in using digital tools for learning.
      b. Individuals are either left-brained (logical, analytical) or right-brained (creative, intuitive), and teaching should cater to these preferences.
      c. Learners have a preferred learning style - visual, auditory, reading, and kinesthetic - and teachers should differentiate learning to accommodate the preferred method for each student.
      d. Learners remember 10% of what they read, 20% of what they hear, 30% of what they see, 50% of what they hear and see, 70% of what they say and write, and 90% of what they say and do.

10. Which could be some best practice(s) to combat the negative effects of the Learning Styles myth?
      a. Vary instruction, personalize learning experiences, and cultivate students' metacognition.
      b. Learners have a preferred learning style - visual, auditory, reading, and kinesthetic - and teachers should differentiate learning to accommodate the preferred method for each student.
      c. Differentiate instruction, explicitly teach critical thinking, problem-solving, responsible online behavior, and information evaluation, and foster intergenerational collaboration.
      d. Encourage active engagement with information, multiple senses, and modalities, diversify instructional methods like lectures, discussions, visuals, activities, and practice to reinforce understanding, and regularly revisit and use learned information to strengthen memory and understanding.

11. Which could be some best practice(s) to combat the negative effects of the Digital Natives myth?
      a. Vary instruction, personalize learning experiences, and cultivate students' metacognition.
      b. Differentiate instruction, explicitly teach critical thinking, problem-solving, responsible online behavior, and information evaluation, and foster intergenerational collaboration.
      c. Encourage active engagement with information, multiple senses, and modalities, diversify instructional methods like lectures, discussions, visuals, activities, and practice to reinforce understanding, and regularly revisit and use learned information to strengthen memory and understanding.
      d. Learners have a preferred learning style - visual, auditory, reading, and kinesthetic - and teachers should differentiate learning to accommodate the preferred method for each student.

12. Which could be some best practice(s) to combat the negative effects of the 10-20-30-50-70-90 myth?
    a. Learners have a preferred learning style - visual, auditory, reading, and kinesthetic - and teachers should differentiate learning to accommodate the preferred method for each student.
    b. Vary instruction, personalize learning experiences, and cultivate students' metacognition.
    c. Differentiate instruction, explicitly teach critical thinking, problem-solving, responsible online behavior, and information evaluation, and foster intergenerational collaboration.
    d. Encourage active engagement with information, multiple senses, and modalities, diversify instructional methods like lectures, discussions, visuals, activities, and practice to reinforce understanding, and regularly revisit and use learned information to strengthen memory and understanding.

Sample Essay Questions

- Essay Question #1: Infographics and Accessibility Accommodations
  - Please identify and describe two ways in which infographics can be inclusive and/or how they should be accessible for all learners, then provide at least two reasons why and how these considerations might better serve everyone in a learning community.
- Essay Question #2: Learning Myths, their Negative Effects, and Possible Solutions
  - Choosing between the Learning Styles myth, the Digital Natives myth, or the 10-20-30-50-70-90 myth, please identify and explain the myth itself, two possible negative effects on the learning community, and at least two possible solutions to ameliorate the negative effects and better serve all learners.

Technology-Based Assignment: Create an Infographic from a Template in Canva

Using a template from Canva, design an infographic to showcase something unique about yourself. Be sure your infographic adheres to accessibility accommodations.

Rubric:

	Mastery	Developing	Needs Work
Canva Infographic Template	The infographic was created using a template in Canva; the design is appropriate to the subject and all sample text has been replaced with information about the student as per	The infographic was created using a template in Canva; the design addresses the subject and most sample text has been replaced with information about the student as per	The infographic was created using Canva; the subject matter strays from the assignment instructions and/or much of the sample text is still visible within the infographic.

	assignment instructions.	assignment instructions.	
Images and Inclusivity	Images are inclusive to the entire learning community; consideration was clearly taken regarding representation of genders, races, and/or abilities.	Most images are inclusive to the entire learning community; some consideration was taken regarding representation of genders, races, and/or abilities.	The images are not inclusive to the entire learning community; little to no consideration was taken regarding representation of genders, races, and/or abilities.
Colors and Background	Colors of images, font, and background enhance visual appeal and adhere to accessibility accommodations.	Most colors of images, font, and/or background adhere to accessibility accommodations.	Most colors of images, font, and/or background do not adhere to accessibility accommodations.
Consistency and Cohesion	The infographic is cohesive, consistent, and isn't visually cluttered or busy.	Most of the infographic is cohesive and consistent; some visual clutter is apparent, rendering parts of the infographic slightly too busy.	Little care was taken to ensure the infographic is cohesive and/or consistent; visual clutter is apparent, rendering most of the infographic too busy.
Font and Readability	The infographic's fonts are legible and appropriate in shape and size.	Most of the infographic's fonts are legible and appropriate in shape and size.	Much of the infographic lacks legible fonts in both shape and size.
Accessibility	The infographic is not visually cluttered or too busy. The color contrast ensures maximum readability for all learners.	Some clutter is apparent, rendering the infographic slightly too busy. Most color contrast ensures readability.	The infographic is cluttered, busy, and color contrast interferes with readability.

Assessment Alignment Table

Course Goal	Student Learning Objective	Assessment(s)
Design an accessible, inclusive, and visually appealing infographic from a template in Canva to suit instructional or design needs.	SLO1.1. In Canva, click the purple "Create a design" button in the upper right corner.	Technology-based Assignment: Create an infographic
	SLO1.2. Type "Infographic" in the blank field.	Technology-based Assignment: Create an infographic
	SLO1.3 Select the first option, "Infographic."	Technology-based Assignment: Create an infographic
	SLO2. Select a template that best fits their instructional or design needs.	Technology-based Assignment: Create an infographic
	SLO3.1. Identify and click on text boxes within the template to select them.	Technology-based Assignment: Create an infographic Multiple Choice Quiz
	SLO3.2. Edit the text as needed and add own content.	Technology-based Assignment: Create an infographic Multiple Choice Quiz
	SLO3.2.1. Change font, size, color, and alignment.	Technology-based Assignment: Create an infographic Multiple Choice Quiz
	SLO3.2.2. Change the lettering style and shape (arched text, shadow effect, outline, etc.).	Technology-based Assignment: Create an infographic Multiple Choice Quiz
	SLO4.1. Identify which images need to be modified, removed, or replaced.	Technology-based Assignment: Create an infographic Multiple Choice Quiz Essay Question #1: Infographics and Accessibility Accommodations

	SLO4.2. Explain the need for these modifications.	Essay Question #1: Infographics and Accessibility Accommodations
	SLO4.3. Analyze whether visuals match the topic and are inclusive (representation of all genders, races, abilities, etc.).	Technology-based Assignment: Create an infographic Multiple Choice Quiz Essay Question #1: Infographics and Accessibility Accommodations
	SLO5.1. Identify and evaluate color combinations of images, text boxes, and backgrounds that require modification.	Technology-based Assignment: Create an infographic Multiple Choice Quiz Essay Question #1: Infographics and Accessibility Accommodations
	SLO5.2. Adjust colors between text and background to ensure high contrast.	Technology-based Assignment: Create an infographic Multiple Choice Quiz Essay Question #1: Infographics and Accessibility Accommodations
	SLO6.1. Assess consistency in font size, style, and alignment and make adjustments as necessary.	Technology-based Assignment: Create an infographic Multiple Choice Quiz Essay Question #1: Infographics and Accessibility Accommodations
	SLO6.2. Assess coherence in spacing and size of elements and make adjustments as necessary.	Technology-based Assignment: Create an infographic Multiple Choice Quiz Essay Question #1: Infographics and Accessibility Accommodations

	SLO6.3. Evaluate whether the infographic design is overly busy or visually cluttered and make adjustments as necessary to adhere to accessibility accommodations.	Technology-based Assignment: Create an infographic Multiple Choice Quiz Essay Question #1: Infographics and Accessibility Accommodations
	SLO6.4. Explain the need for any such modifications.	Essay Question #1: Infographics and Accessibility Accommodations
	SLO7.1. Locate the "File" menu in the top left corner and click on the Pencil icon to edit the file name.	Technology-based Assignment: Create an infographic Multiple Choice Quiz
	SLO7.2. Click "Save" to save work or ensure that it says "all changes have been saved" at the very top of the interface.	Technology-based Assignment: Create an infographic Multiple Choice Quiz
	SLO8.1. Click on the "Share" Button in the top right corner, then click the "Download" button.	Technology-based Assignment: Create an infographic Multiple Choice Quiz
	SLO8.2. Evaluate which desired file format (e.g., PNG, JPEG, PDF) will best suit needs and download the infographic. Alternatively, print the infographic directly from Canva if desired.	Technology-based Assignment: Create an infographic Multiple Choice Quiz
Identify three different educational myths (Learning Styles, Digital Natives, and the 10-20-30-50-70-90 myth), explain the possible detrimental consequences of the myths, and be able to devise possible solutions or ideologies to better serve learning communities.	SLO1.1. Identify and explain the myth of Learning Styles and the concept of VARK	Multiple Choice Quiz Essay Question #2: Learning Myths, their Negative Effects, and Possible Solutions
	SLO1.1.1. Explain what VARK (visual, auditory, reading, and kinesthetic) "learning styles" are.	Essay Question #2: Learning Myths, their Negative Effects, and Possible Solutions

	SLO1.2. Recognize and explain how lack of evidence regarding Learning Styles influences learners, educators, and the education community at large.	Multiple Choice Quiz Essay Question #2: Learning Myths, their Negative Effects, and Possible Solutions
	SLO1.3. Recognize and explain how oversimplification, ineffective instruction, and negative self-perceptions can be consequences of the myth.	Multiple Choice Quiz Essay Question #2: Learning Myths, their Negative Effects, and Possible Solutions
	SLO1.4. Identify, explain, and implement strategies that can combat the possible detrimental side-effects of perpetuating the myth, such as varying instruction, personalizing learning experiences, and cultivating students' metacognition.	Multiple Choice Quiz Essay Question #2: Learning Myths, their Negative Effects, and Possible Solutions
	SLO2.1. Identify and explain the myth of Digital Natives.	Multiple Choice Quiz Essay Question #2: Learning Myths, their Negative Effects, and Possible Solutions
	SLO2.1.1 Explain the myth's idea that younger generations, having grown up with technology, are inherently more skilled in using digital tools for learning.	Multiple Choice Quiz Essay Question #2: Learning Myths, their Negative Effects, and Possible Solutions
	SLO2.2. Recognize and explain how socio-economic background, access to technology, and individual motivation significantly impacts digital skills and engagement and that generalizing ignores these crucial factors.	Multiple Choice Quiz Essay Question #2: Learning Myths, their Negative Effects, and Possible Solutions
	SLO2.3. Explain how true digital literacy encompasses diverse skills like critical thinking, information evaluation, online safety, and responsible behavior and that these skills require explicit instruction and practice.	Multiple Choice Quiz Essay Question #2: Learning Myths, their Negative Effects, and Possible Solutions

	SLO2.4. Identify and explain that the digital landscape continuously changes, how assuming "digital nativeness" can lead to neglecting essential digital literacy instruction in schools, how ignoring inequality perpetuates educational inequities, and how stereotyping and discrimination by labeling generations as "digital natives" or "digital immigrants" can create unnecessary division and hinder collaboration across age or generational groups.	Multiple Choice Quiz Essay Question #2: Learning Myths, their Negative Effects, and Possible Solutions
	SLO2.5. Identify, explain, and implement strategies that can combat the possible detrimental side-effects of perpetuating the myth, such as differentiating instruction, explicitly teaching critical thinking, problem-solving, responsible online behavior, and information evaluation, and fostering intergenerational collaboration.	Multiple Choice Quiz Essay Question #2: Learning Myths, their Negative Effects, and Possible Solutions
	SLO3.1. Identify and define the 10-20-30-50-70-90 myth.	Multiple Choice Quiz Essay Question #2: Learning Myths, their Negative Effects, and Possible Solutions
	SLO3.1.1. Explain the myth's idea that supposedly learners remember 10% of what they read, 20% of what they hear, 30% of what they see, 50% of what they hear and see, 70% of what they say and write, and 90% of what they say and do.	Essay Question #2: Learning Myths, their Negative Effects, and Possible Solutions
	SLO3.1.2. Identify and explain how the myth stems from an outdated and fraudulently cited interpretation of "The Cone of Experience" developed by Edgar Dale in 1946, and how lack of evidence and robust research perpetuates the myth.	Multiple Choice Quiz Essay Question #2: Learning Myths, their Negative Effects, and Possible Solutions

	SLO3.2. Recognize and explain how oversimplification of learning ignores the multifaceted nature of memory and learning, and how the percentages of the myth might lead to neglecting valuable learning methods based on assumed ineffectiveness.	Multiple Choice Quiz Essay Question #2: Learning Myths, their Negative Effects, and Possible Solutions
	SLO3.3. Identify, explain, and implement strategies that can combat the possible detrimental side-effects of perpetuating the myth, such as encouraging active engagement with information, multiple senses, and modalities, diversifying instructional methods like lectures, discussions, visuals, activities, and practice to reinforce understanding, and regularly revisiting and using learned information to strengthen memory and understanding.	Multiple Choice Quiz Essay Question #2: Learning Myths, their Negative Effects, and Possible Solutions