

Member ID: _____

Time: _____

Rank: _____



Fundamentals Of Web Design (415)

STATE 2025

Production:

Multiple Choice (25 @ 2 points each) _____ (50 points)

Application _____ (290 points)

TOTAL POINTS _____ (340 points)

Test Time: 90 minutes

GENERAL GUIDELINES:

Failure to adhere to any of the following rules will result in disqualification:

1. Member must hand in this test booklet and all printouts if any. Failure to do so will result in disqualification.
2. No equipment, supplies, or materials other than those specified for this event are allowed in the testing area. No previous BPA tests and/or sample tests (handwritten, photocopied, or keyed) are allowed in the testing area.
3. Electronic devices will be monitored according to ACT standards.

MULTIPLE CHOICE

Directions: Identify the letter of the choice that best completes the statement or answers the question.

1. Which HTML5 element is used to represent self-contained content that could be distributed independently from the rest of the content?
 - A. <section>
 - B. <article>
 - C. <div>
 - D. <aside>
2. Which CSS property is used to control the space between the lines of text?
 - A. letter-spacing
 - B. line-height
 - C. word-spacing
 - D. text-spacing
3. Which HTML5 tag is used to define a footer for a document or section?
 - A. <header>
 - B. <footer>
 - C. <section>
 - D. <nav>
4. Which attribute is necessary for the tag to comply with W3C Accessibility Standards?
 - A. title
 - B. src
 - C. alt
 - D. width
5. In CSS3, which unit is relative to the font size of the root element (<html>) and is commonly used for responsive design?
 - A. px
 - B. em
 - C. rem
 - D. vh

6. Which of the following HTML5 elements is used for a container that has navigation links?
 - A. <nav>
 - B. <menu>
 - C. <aside>
 - D.
7. What does the CSS z-index property affect in a web page layout?
 - A. Element's background color
 - B. Element's stacking order
 - C. Element's margin
 - D. Element's padding
8. Which HTML5 element is typically used for the main content area of a document?
 - A. <section>
 - B. <main>
 - C. <aside>
 - D. <header>
9. Which of the following best describes the aria-label attribute in HTML5?
 - A. Adds an accessible name to an element
 - B. Specifies the role of an element
 - C. Changes the content of an element
 - D. Links to an external stylesheet
10. Which CSS3 property is used to make text bold?
 - A. font-style
 - B. font-weight
 - C. font-size
 - D. text-transform
11. Which attribute of the <a> tag specifies where to open the linked document?
 - A. href
 - B. target
 - C. rel
 - D. type
12. Which CSS3 property allows you to control the opacity of an element?
 - A. visibility
 - B. display
 - C. opacity
 - D. filter

13. What is the default display value of the tag?
- A. block
 - B. inline
 - C. inline-block
 - D. none
14. Which of the following is true about <table> and its related elements in HTML5?
- A. <caption> can be placed anywhere within the table
 - B. <thead> must come before <tbody>
 - C. <tfoot> can only appear at the end of the table
 - D. <td> is used to define a table header cell
15. Which CSS3 property is used to specify the area that should be visible when scrolling through content?
- A. overflow
 - B. clip
 - C. visibility
 - D. content-visibility
16. Which HTML5 tag is used to define a specific area in an image that the user can interact with?
- A. <map>
 - B. <area>
 - C.
 - D. <canvas>
17. What is the purpose of the role attribute in HTML5?
- A. To style an element
 - B. To define the type of an element for accessibility
 - C. To create an anchor link
 - D. To reference external resources
18. Which of the following CSS properties is not inherited by default?
- A. font-family
 - B. color
 - C. border
 - D. font-size
19. Which modern HTML5 tag is used to embed a scalable vector graphic?
- A. <canvas>
 - B. <svg>
 - C. <object>
 - D. <embed>

20. Which CSS property is used to create a flex container?
- A. display: flex;
 - B. float: flex;
 - C. position: flex;
 - D. layout: flex;
21. In HTML5, which attribute of the <video> tag specifies that the video should start playing as soon as it is ready?
- A. autoplay
 - B. controls
 - C. loop
 - D. preload
22. Which CSS3 function is used to apply multiple background images to an element?
- A. background-layer
 - B. background-multiple
 - C. background-image
 - D. background-stack
23. Which CSS3 property controls the spacing between letters in a text?
- A. word-spacing
 - B. text-align
 - C. letter-spacing
 - D. line-spacing
24. Which HTML5 tag is used to define the relationship between a document and an external resource, such as a stylesheet?
- A. <style>
 - B. <script>
 - C. <meta>
 - D. <link>
25. Which HTML5 attribute of the <input> element is used to define the types of files that the server accepts (typically used in forms for file upload)?
- A. accept
 - B. type
 - C. method
 - D. enctype

Application

You are tasked with creating a single-page website for a fictional catering company called **"Gourmet Delight Catering"**. The company specializes in providing gourmet catering services for events, with a focus on using high-quality, fresh ingredients. The webpage should be designed using modern web development practices, including Flexbox, Grid layout, responsive design principles, and CSS3 transitions. Participants must create a visually appealing, user-friendly, and responsive website that highlights the company's dedication to exquisite food and exceptional service.

Requirements:

1. Website Structure:

○ Header:

- The header must include the company's logo (image name: gourmet-logo.png) centered at the top, with navigation links below it. Flexbox should be used to ensure proper alignment.
- The navigation should consist of the following links:
 - About Us
 - Services
 - Menus
 - Contact Us
- The header background color should be a rich burgundy (#800020) with white text. Navigation links should have hover effects, changing the text color to a lighter shade.

○ Hero Section:

- The hero section should feature a full-width background image (hero-catering.jpg) with overlay text centered both vertically and horizontally. The text should include:
 - **Tagline:** "Indulge in Culinary Excellence"
 - **Subtext:** "Exceptional Catering for Every Occasion"
- Use absolute positioning and text-shadow to ensure the text is readable over the image.

○ Main Content Sections:

▪ About Us Section:

- This section should use a two-column layout with an image (about-us.jpg) on the left and text on the right. The text should include:
 - **Title:** "Our Story"
 - **Text:** "Gourmet Delight Catering has been delighting clients with exceptional catering services for over 20 years. Our chefs are passionate about creating exquisite dishes using the freshest ingredients, ensuring that every event is a memorable culinary experience. From intimate gatherings to grand celebrations, we tailor our services to meet your unique needs."

- **Services Section:**
 - Display three core services using a three-column grid layout. Each service should include:
 - A relevant image (e.g., wedding-catering.jpg, corporate-catering.jpg, private-party-catering.jpg).
 - The service title and description. For example:
 - **Wedding Catering:** "Create the perfect culinary experience for your special day with our bespoke wedding catering services. We work with you to design a menu that reflects your tastes and impresses your guests."
 - **Corporate Catering:** "Elevate your business events with our corporate catering solutions. From meetings to conferences, we provide delicious and professional catering services tailored to your needs."
 - **Private Party Catering:** "Make your private events unforgettable with our expert catering. Whether it's a birthday, anniversary, or casual get-together, we deliver gourmet food that delights every palate."
- **Menus Section:**
 - This section should use a single-column layout with text titles to introduce each menu category (e.g., Appetizers, Main Courses, Desserts). Each menu category should be followed by a short description of the types of dishes offered. Example content:
 - **Appetizers:** "A selection of gourmet appetizers to tantalize your taste buds, including canapés, charcuterie boards, and more."
 - **Main Courses:** "Our main courses feature a variety of options, from succulent meats to vegetarian delights, all prepared with the finest ingredients."
 - **Desserts:** "Indulge in our decadent desserts, including cakes, pastries, and a range of sweet treats that are the perfect ending to any meal."
- **Contact Us Section:**
 - This section should include a text title followed by a contact form with the following fields:
 - **Title:** "Get in Touch"
 - **Text:** "We'd love to discuss your catering needs! Whether you're planning a wedding, corporate event, or private party, our team is here to help make your event unforgettable."
 - A contact form with the following fields:
 - **Name:** A required text input field.
 - **Email:** A required email input field.

- **Message:** A required textarea for the user's message.
 - A "Submit" button, styled to stand out against the background.
 - **Footer:**
 - The footer should include the following text content structured for clarity:
 - "Gourmet Delight Catering | 456 Culinary Road, Food City, Earth | Phone: (987) 654-3210 | Email: contact@gourmetdelight.com"
 - "Follow us on Facebook, Instagram, Pinterest."
 - "© 2024 Gourmet Delight Catering. All rights reserved."
2. **Design and Interactivity:**
- Use **Flexbox** for the header alignment and hero section text positioning.
 - Use **CSS Grid** for the main content sections to create a responsive layout that adjusts based on screen size.
 - Implement **CSS transitions** for hover effects on navigation links, images, and buttons, enhancing interactivity.
 - Ensure the website is **responsive**, displaying correctly on various devices, from mobile phones to desktop computers.
 - Apply **box-shadow** and **border-radius** to images and block quotes to create a modern, clean look.
3. **Functionality:**
- Ensure all images have appropriate **alt text** for accessibility.
 - The contact form fields should be properly labeled, and the form should be functional and accessible.
 - Test the website across different browsers (Chrome, Firefox, Edge) to ensure compatibility and consistent user experience.

Rubric

Task	Criteria	Points
Header Structure	Proper use of Flexbox to align the logo and navigation links; burgundy background with white text.	/15
Navigation	Includes all required navigation links: About Us, Services, Menus, Contact Us, with hover effects.	/15
Hero Section	Full-width hero image with correctly positioned text and text-shadow for readability.	/20
About Us Section	Two-column grid layout with image on the left and text on the right with a bolded title.	/20
Services Section	Three-column grid layout for displaying services with images, titles, descriptions, and hover effects on images.	/30
Menus Section	Single-column layout with text titles and descriptions for each menu category.	/20
Contact Us Section	Single-column layout with bolded title, properly formatted contact form, and a submit button.	/25
Footer	Footer includes correctly formatted text content for contact details, social media links, and a copyright notice.	/20
CSS Transitions	Implementation of CSS transitions for hover effects on navigation, images, and buttons, enhancing user interaction.	/20
Responsive Design	Website is fully responsive and adapts correctly to different screen sizes using media queries.	/30
Code Quality	Clean, well-organized, and commented code with proper indentation and no unnecessary redundancy.	/20
Accessibility	All images have alt text, form fields are labeled, and the site adheres to accessibility standards.	/15
Cross-Browser Compatibility	Website displays and functions correctly in multiple browsers (Chrome, Firefox, Edge).	/20
Creativity and Design	The overall design is cohesive, visually appealing, and effectively communicates the theme of gourmet catering.	/20
Total		/290