

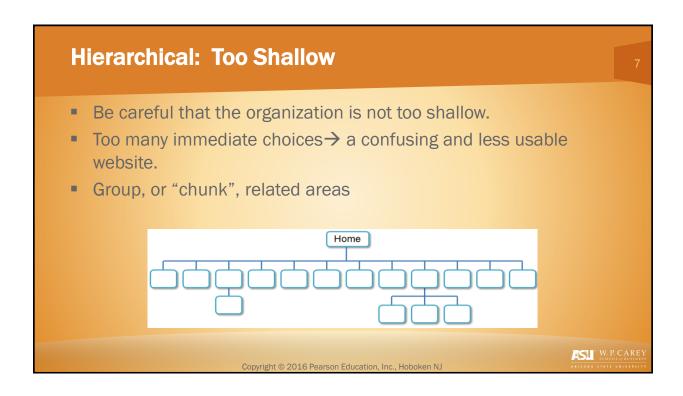
Learning Outcomes Describe the most common types of website organization Describe principles of visual design Design for your target audience Create clear, easy-to-use navigation Improve the readability of the text on your web pages Use graphics appropriately on web pages Apply the concept of Universal Design to web pages Describe web page layout design techniques Describe the concept of responsive web design Apply best practices of web design



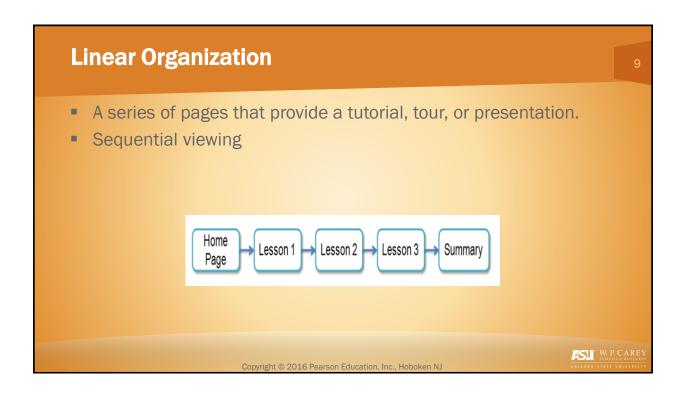




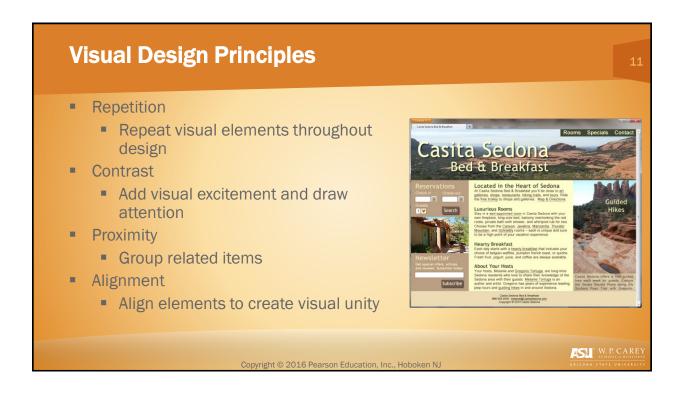


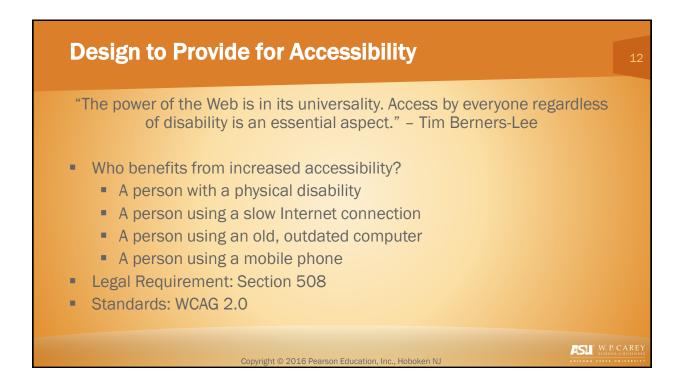




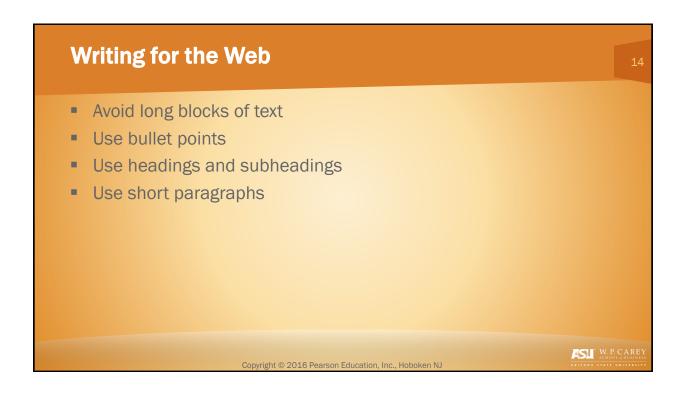






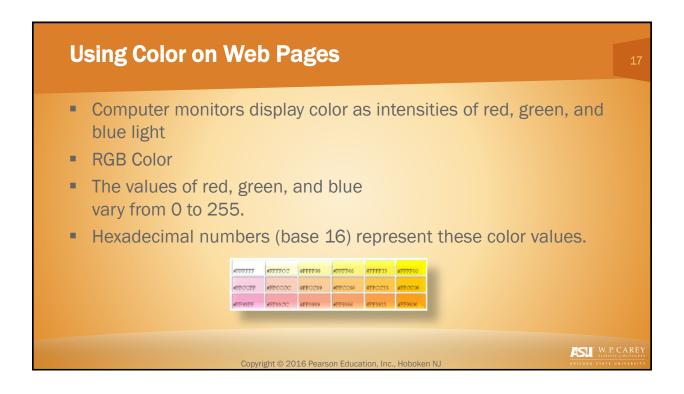


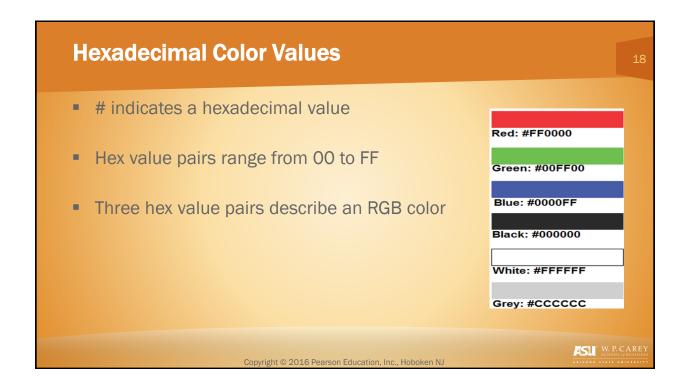
■ Web Content Accessibility Guidelines 2.0 WCAG 2.0 ■ http://www.w3.org/TR/WCAG20/Overview ■ http://www.w3.org/WAI/WCAG20/quickref ■ Based on Four Principles (POUR) ■ Perceivable - Content must be easy to see or hear ■ Operable - Interface components in the content must be operable by both mouse and keyboard ■ Understandable - Content and controls must be easy to read and well-organized ■ Robust - Content use correct syntax and function on popular operating systems, browsers, and assistive technologies.

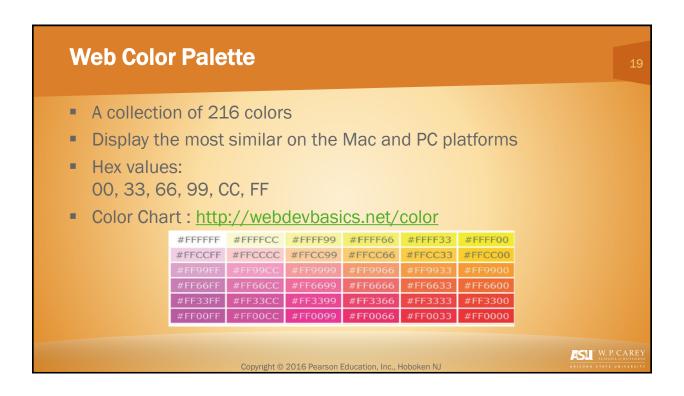


Design "Easy to Read" Text ■ Use common fonts: ■ Arial, Helvetica, Verdana, Times New Roman ■ Use appropriate text size: ■ Medium, 1em, 100% ■ Use appropriate line length ■ Between 50-75 characters is recommended ■ Use strong contrast between text & background ■ Use columns instead of wide areas of horizontal text



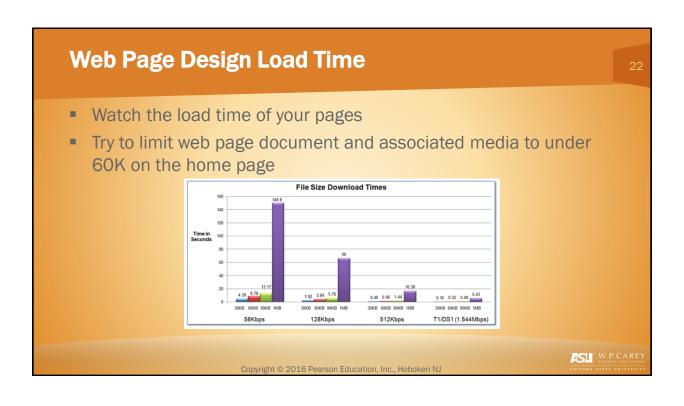




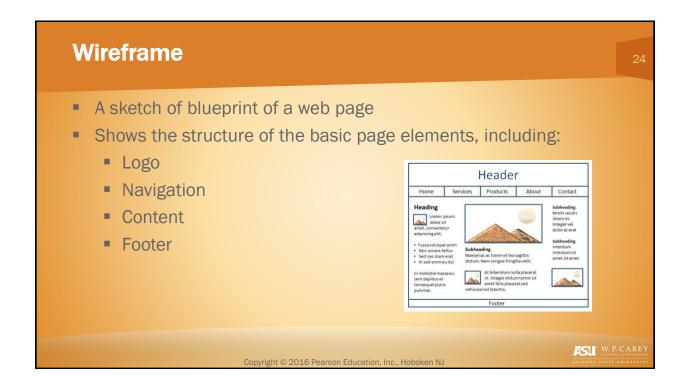


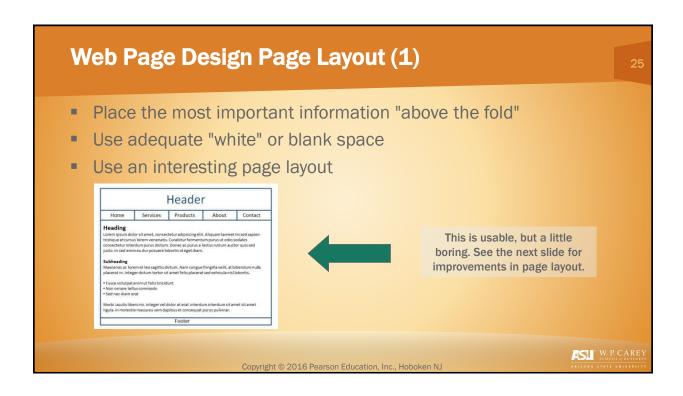


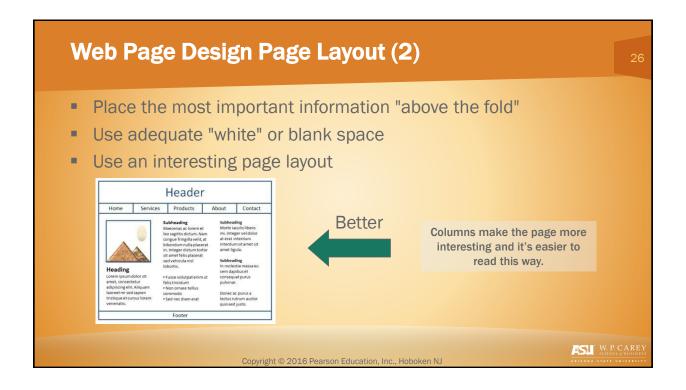


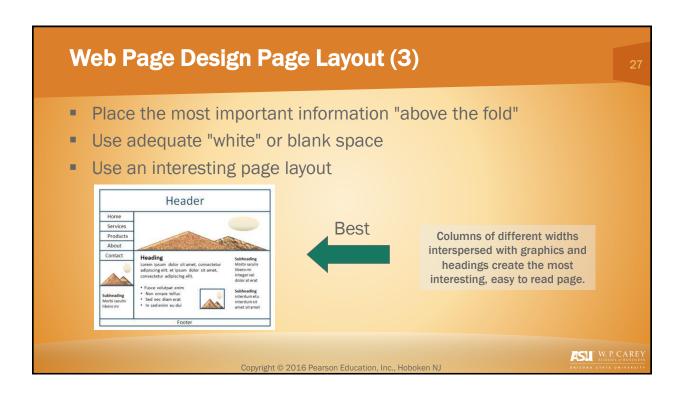


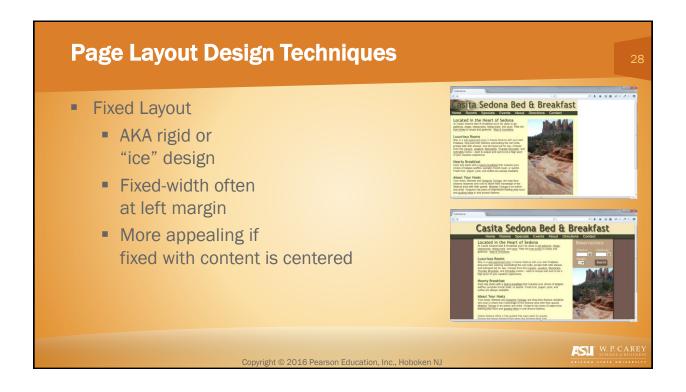


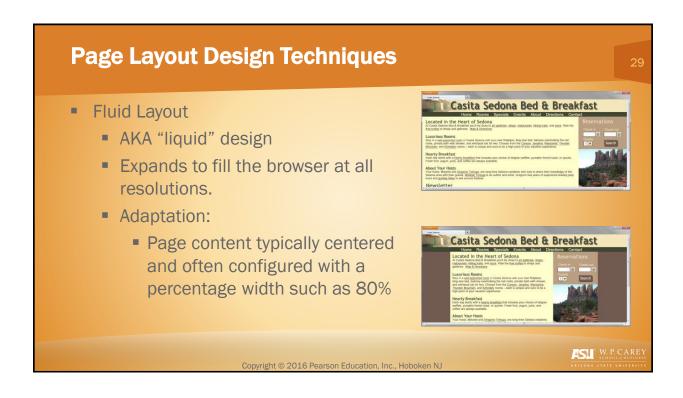














■ Ethan Marcotte, noted web developer http://www.alistapart.com/articles/responsive-web-design ■ Progressively enhancing a web page for different viewing contexts (such as smartphones and tablets) through the use of coding techniques, including flexible layouts and media queries. ■ Examples: ■ http://www.mediaqurie.es

