

# UC Irvine Ergonomics Requirements for Computer Workstations

## Summary Checklist for Designers

These are UC established requirements based on the ANSI/HFES 100-2007 Human Factors Engineering of Computer Workstations standard. The tables, keyboard trays and chairs on the Ergonomics Program's pre-approved product list meet the minimum requirements under this standard and research-based best practice. When specifying computer furniture, keyboard trays and chairs not on this list, the following guidelines must be met and cut sheets showing all of the applicable dimensions included with your specifications:

Category	Requirements	Checked
	<b>Seated or Sit/Stand Computer Use (Check at least one in each category)</b>	
<b>Width</b>	<ul style="list-style-type: none"> <li>Front edge of computer work surface (furniture) is 28 inches or greater (minimum)</li> </ul>	<input type="checkbox"/>
<b>Depth</b>	<ul style="list-style-type: none"> <li>Depth of computer work surface is 29 inches or greater if placing equipment on the desktop (preferred)</li> </ul>	<input type="checkbox"/>
	<ul style="list-style-type: none"> <li>Depth of computer work surface is 24 inches or greater if using a keyboard tray (minimum)</li> </ul>	<input type="checkbox"/>
<b>Height</b>	<ul style="list-style-type: none"> <li>Electric or crank adjustable from at least 22" to 48" (preferred)</li> </ul>	<input type="checkbox"/>
	<ul style="list-style-type: none"> <li>If work surfaces are fixed, set height at 28.5 inches with brackets or pin adjustable legs for any future height adjustments. (minimum)</li> </ul>	<input type="checkbox"/>
<b>Clearance under work</b>	<ul style="list-style-type: none"> <li>20.5 inches wide; 30 inches wide for ADA</li> </ul>	<input type="checkbox"/>
	<ul style="list-style-type: none"> <li>17.3 inches at level of knee and 23.6 inches at level of the feet</li> </ul>	<input type="checkbox"/>
<b>Desk top thickness</b>	<ul style="list-style-type: none"> <li>Desk surface thickness no greater than 1.5"</li> </ul>	<input type="checkbox"/>
<b>Keyboard tray</b>	<ul style="list-style-type: none"> <li>If work surface is fixed and a separate adjustable keyboard support is used it must have space specifically designed for using a mouse, trackball or tablet. Select <a href="#">Keyboard Platforms and Mounting Systems</a> from the pre-approved product list. (preferred)</li> </ul>	<input type="checkbox"/>
	<ul style="list-style-type: none"> <li>Split wrist pads for user removal in front of mouse and/or keyboard</li> </ul>	<input type="checkbox"/>
	<ul style="list-style-type: none"> <li>Width of 25 inches or greater (minimum)</li> </ul>	<input type="checkbox"/>
<b>Chair</b>	<ul style="list-style-type: none"> <li>Provide <a href="#">Task Chairs</a> from the pre-approved product list which offer a wide range of adjustability (preferred)</li> </ul>	<input type="checkbox"/>
	<ul style="list-style-type: none"> <li>If specifying task chairs not on this list, please contact EH&amp;S via email at <a href="mailto:safety@uci.edu">safety@uci.edu</a> or call 949-824-6200, so they can verify the chair(s) meet all the minimum requirements according to the <a href="#">Requirements for Purchasing Task Chairs</a></li> </ul>	<input type="checkbox"/>
<b>Storage under work surface</b>	<ul style="list-style-type: none"> <li>If height adjustable desk is used, storage must be 21 inches to allow for full desk height adjustability range. (preferred)</li> </ul>	<input type="checkbox"/>
	<ul style="list-style-type: none"> <li>For fixed height work surfaces, storage maximum height must be 27 inches; pedestal drawers supporting the work surface do not allow for height adjustability unless they are removed and the work surface can be supported in another manner. (minimum)</li> </ul>	<input type="checkbox"/>
<b>Built-in storage above work surface</b>	<ul style="list-style-type: none"> <li>No overhead storage or shelving (preferred)</li> </ul>	<input type="checkbox"/>
	<ul style="list-style-type: none"> <li>Overhead bins or shelves that overhang the work surface must be removable or adjustable (minimum)</li> </ul>	<input type="checkbox"/>
	<ul style="list-style-type: none"> <li>At least 28" of opening from the desk surface to the bottom of the bins or shelves to allow for appropriate monitor height (minimum)</li> </ul>	<input type="checkbox"/>
<b>Customer Service Counters</b>	<ul style="list-style-type: none"> <li>Customer Service Counters have different seated and standing computer requirements due to the interaction with the client. Use the <a href="#">UC Berkeley Customer Service Counter Guidelines</a> when designing these areas.</li> </ul>	<input type="checkbox"/>

For questions regarding the information above, please contact EH&S at 949-824-6200 or [safety@uci.edu](mailto:safety@uci.edu).