

**Technical Job Function**

**Engineering Job Family**

<b>Level</b>	<b>Function/ Roles</b>	<b>Experience / Education (Minimum Required)</b>	<b>Typical Duties and Responsibilities (Cumulative from level to level in each job family)</b>	<b>Impact/Scope</b>	<b>Supervision</b>
56 E	Electrical Engineer I	Bachelor's degree required; engineering degree preferred  3+ years of relevant experience	<ul style="list-style-type: none"> <li>• Designs, builds, documents and troubleshoots electronic circuitry</li> <li>• Determines design approaches and parameters</li> <li>• Translates general parameters for experiments into original design specifications</li> <li>• Researches and negotiates pricing; selects and purchases all specialized materials considering price, specifications and reliability</li> <li>• Documents own work for reproduction by others</li> <li>• Contributes original design work to scientific publications</li> </ul>	<p><b>IMPACT</b> Some impact on operations, resources, or University's reputation</p> <p><b>SCOPE</b> Provides diverse and comprehensive electronics engineering for a lab, unit or school</p>	<p><b>RECEIVED:</b> <b>Under General Direction:</b> Within this job, the incumbent normally performs regular assignments using own judgment and following department / university policy, while keeping supervisor informed as necessary. Receives general guidance on new projects as to methods, procedures and desired end results. The incumbent has discretion to make decisions within the scope of their responsibilities. Complex assignments are usually reviewed upon completion.</p> <p><b>GIVEN:</b> <b>Individual Contributor</b> Works independently or as part of a team to achieve results.</p>

**NOTE:**

- 1) Individual positions will typically have most, but not necessarily all, of the Duties & Responsibilities listed
- 2) Grade Recommendations based on comparative review/analysis of internal positions and external market data.
- 3) E = exempt, N = non-exempt but outside HUCTW due to job content, grade and/or a Confidential / Supervisory exclusion