

Davidson County Community College
Electronics Engineering Technology

Criteria	Standard	Example
Critical thinking/problem solving	Ability to measure, calculate, reason, analyze, integrate and synthesize information	<p>Able to read and understand engineering/technical drawings and schematics</p> <p>Apply engineering mathematical skills to solve problems.</p> <p>Demonstrate knowledge and applications of electronic test equipment</p> <p>Able to use the scientific method during problems solving</p>
Communication	<p>Appropriate interpersonal interaction with Co-workers, Superiors, Customers, facility owners, and other technicians.</p> <p>Effective communication with others, both verbally and in writing.</p>	<p>Able to communicate the knowledge and understanding of engineering/technical drawings and schematics.</p> <p>Communicate with oral and written documents technical information of electrical/electronic designs and applications.</p>
Motor Skills	<p>Sufficient motor function to operate electronic equipment in a safe manner.</p> <p>Physical conditioning to a level that allows full day's activity in a manufacturing environment.</p>	<p>Demonstrate the ability to perform bench related work activities such as troubleshooting and repair of electronic equipment.</p> <p>Manual dexterity sufficient to gain access to control systems on a variety of electrical/electronic equipment.</p> <p>Maintain proper safety precautions while working on electrical/electronic equipment with potentially lethal voltages and mechanical hazards.</p>
Professional Conduct	<p>Function effectively and efficiently during demanding seasonal workload periods.</p> <p>Incorporate professional standards of practice into all activities.</p> <p>Demonstrate professional integrity and accountability.</p> <p>Present self in a professional manner.</p>	<p>Maintain an understanding and effective relationships with colleagues, customers and technicians found in a design/manufacturing environment.</p> <p>Work effectively within a team environment.</p> <p>Maintain professionalism through all personal contacts and communication.</p> <p>Respond appropriately to constructive feedback provided by colleagues, management and customers.</p> <p>Wear appropriate clothing that is consistent with professional responsibilities and contacts.</p>
Sensory	Hearing sufficient to operate equipment in a safe/professional manner.	Ability to hear and/or see alarms and in the operation of some electrical/electronic equipment.

	Vision sufficient to operate equipment in a safe/professional manner.	
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