

**WORKFORCE INNOVATIONS FOR A NEW NEVADA**  
 WORKFORCE DEVELOPMENT PROGRAM SUMMARY

<b>Agency</b>	Truckee Meadows Community College
<b>Program Name</b> <i>(Complete a summary for each program)</i>	Tesla Gigafactory Training Gateway
<b>Contact</b> <i>Include Name, Phone and Email</i>	Tedianne Taylor 775-857-4967 Ttaylor@tmcc.edu
<b>Program Description</b> <i>Briefly describe training program components. Highlight length of program and access or mobility features that would be of interest to an employer.</i>	<p>The Gigafactory Training Gateway is designed in conjunction with Tesla and other industry partners to provide a 15 credit training program to incumbent workers. All classes are hand selected to cover topics that are utilized frequently by employees. Individuals can do most coursework online, and have a flexible schedule for on-campus labs and testing. The classes are self-paced, allowing students to dedicate as many hours as they would like weekly.</p> <p>This 300 hour training program is intended as an introduction to many manufacturing concepts, including: electrical safety and theory; laws of electricity; troubleshooting electrical systems; industrial documentation; automated warehouse concepts; fluid power safety and theory; industrial hydraulics and pneumatics; line and ladder logic; AC/DC motors and drives; intro to power transmission systems; precision measurements (micrometers and calipers); programming and troubleshooting programmable logic controllers (PLCs); machine safety and control; and intro into robotic programming and controls.</p>
<b>Outcomes</b> <i>Please identify specific industry-recognized credentials and/or degrees that result from program completion.</i>	Snap-On Precision Measurement Certification TMCC – Skills Certificate 15 credits stackable towards Certificate of Achievement or Associate of Applied Science
<b>Accepting New Partners &amp; Students</b>	Yes