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| **Break Out Session Name:** MakerSpace/Innovation Center / Industrial Automation  Note taker: Delia Miller | |
| **Date: Wednesday, April 28th**  **Industry Contacts** | |
| Brian Adsit, VP of Supply Chain for Harbor Freight Tools | Teri Pino, Ross Recruiter for West Coast |
| Annalisa Siregar-Wurum Director, Inland Empire Economic Partnership  Julie Pehkonen Inland Empire/Desert Regional Consortium  Darrell Brown Industrial Automation Instructor | Dave Susuras Engineering, Digtal teacher VVUSD  Lizette Nava Principal Moreno Valley High School  Anna Nguyen CTE High School  Lisa Kiplinger Kennedy Regional Director, Business & Entrepreneurship |
| Ulises Cabrera Council Member, Moreno Valley  Jackie Melendez Deptuy City Manager, Moreno Valley  Angel Gutierrez Business Liaison for Moreno Valley  Jon Black Director College & Career Ready MVUSD | Joe Ray General Manager Klein  Stacy Jones Regional Makerspace Director  James Hattar CRYROP  Thomas Rasbach MVUSD Enginerring Teacher |
| Rick Radcliffe Client Educational Curriculum  Doug Henderson CTE teacher  Donnell Layne Director of Makerspace  Jason Kennedy Makerspace Project Supervisor | Joseph Murray Lab Technician  Abraham Cifuentes Lab Technician  Maryann Dougherty Moreno Valley College  Dr. Melody Graveen Dean of Instruction, STEM & CTE |
| **Advisory Questions for Industry** | |
| 1. **How has your business sector been affected by the pandemic?**   Harbor Freight – Deemed Essential and became extremely busy; Home Improvement Projects  Workforce challenged and products. Pandemic led to collaboration with our city.  PPE provided  Provide safe work place  Covid Compliant  Contact tracing  Additional training  Ross – Shut down for 2 months, Re-open people lined up to enter into stores leading to longer lines and wait time.  Provide safe work place  Covid Compliant | |
| 1. **What entry level positions are most in demand and how has that changed since the pandemic?**   Harbor Freight – New positions available due to Covid Compliant/housekeeping; additional training added another shift to Moreno Valley which paved the way to approximately 500 new positions from frontline, equipment operators, technicians and leadership roles specifically in Moreno Valley.  Ross – 500 positions are currently open in the Perris and Moreno Valley distribution centers, staffing concerns, entry level workforce production. | |
| 1. **What are the biggest challenges you face with new employees who are just starting out in the field?**   Harbor Freight – Expectations and accountability, attendance  Ross – PM shift, 2nd and 3rd shift in production positions attendance is a challenge along with work ethic, having an understanding of hitting numbers in metric. Associates are on engineering | |
| 1. **What credential or certifications are important for students to attain prior to applying for an entry level position in your field?**   Harbor Freight – Depends on role, example: maintenance technician; Internship hands on mechanically certification, electrical certification; computer certification programming  Ross – Internship Program offered to High School Juniors  10 weeks paid Operational Internship provides an opportunity for management training, evaluated after the 10 weeks and invited to come on board. Operational Internship begins June 14 through August 20, 2021  Industrial engineering  Finance Internship  Industrial Automation | |
| 1. **What types of workshops and/or camps would you like to see the MVC makerspace offer?**   Harbor Freight – Workers can upskill, 3d printing, trained in advance for problem solving a workshop in this area of reasoning and problem solving.  Ross – Control Technician camps/workshop | |

Industrial Automation Program – Presented by Darrel Brown (Introduce as part of our College Community Curriculum)

SACA – Smart Automation Certification Alliance

Training and Certification

Standards presented recommendation C101 – and selected Microcerts ideal for supply chain technician for students in this area and those currently in this industry.

CTE Dean Graveen about to make a significant investment in equipment on behalf of college.

Industry Partners recommend that the experts in these particular areas be invited to the table. However, Brian Adsit, VP of Harbor Freight is onboard and believes that the C101 and Microcerts makes sense.

Vote basic understanding will pursue curriculum and will refine by Advisory Committee

Doug Henderson – MVHS CTE motion, already in SACA

Jon Black – MVUSD 2nd motion

Vote unanimously to pursue curriculum