# Oregon Semiconductor Competitiveness Task Force

## *Workforce Training Opportunities and the Critical Role of Higher Education*

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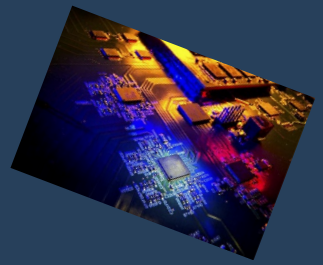
# Talent and Workforce Subcommittee

## Recommendations

- Develop statewide semiconductor consortium
- Develop semiconductor workforce package for 2023 Legislature
- Build infrastructure and expand access to technology education
- Increase apprenticeships
- Invest in community colleges to recruit and upskill diverse student population
- Invest in universities to expand engineering and technology talent
- Invest in awareness campaign for semiconductor career and education pathways
- Partner with CBOs to expand engagement of underrepresented communities

# Leveraging Existing Successes

PCC and MHCC's semiconductor and advanced manufacturing career and academic pathway offers multiple avenues to certificate and degree attainment, including:



- The completion of short-term workforce training certificates
- A one-year certificate in Mechatronics
- Two-year Career Technical Associates Degree.

Providing multiple pathways to credentials offers students the opportunity for success in living wage, high-tech jobs - nearly half of the industry jobs available require these types of credentials.

Microelectronics at PCC, created in partnership with Intel, has served the Oregon semiconductor industry for over thirty years and boasts a **95% placement rate of students** moving into jobs.

# Workforce Training Needs and Opportunity

**10,000 Direct Industry Jobs in Oregon**

**60,000 Jobs Total (Construction, Supply Chain)**

- **Increased Investments in Semiconductor Workforce Training**
- **Increased Outreach and Education of Semiconductor and Manufacturing Careers**