

Semiconductor Technician

Silicon is the second most abundant element in the earth's crust and is the foundation of semiconductors that enable just about everything in our lives today. As the US semiconductor industry flourishes with the economic boost from the CHIPS act, fabs of all sizes are being built across the country. Unlike abundant silicon, their biggest shortage is human capital.

Intelitek has developed a semiconductor training program to support schools focused on delivering the skilled workforce these facilities need.

- Semiconductor fab specific maintenance and manufacturing curriculum and labs
- Bespoke program specifically developed for the semiconductor industry training



Training Program for Semiconductor Technicians

Hands-On Semiconductor Specialist Training focuses on

- Clean Room operation and maintenance
- Wafer Handling and semiconductor robotics
- Fabrication processes

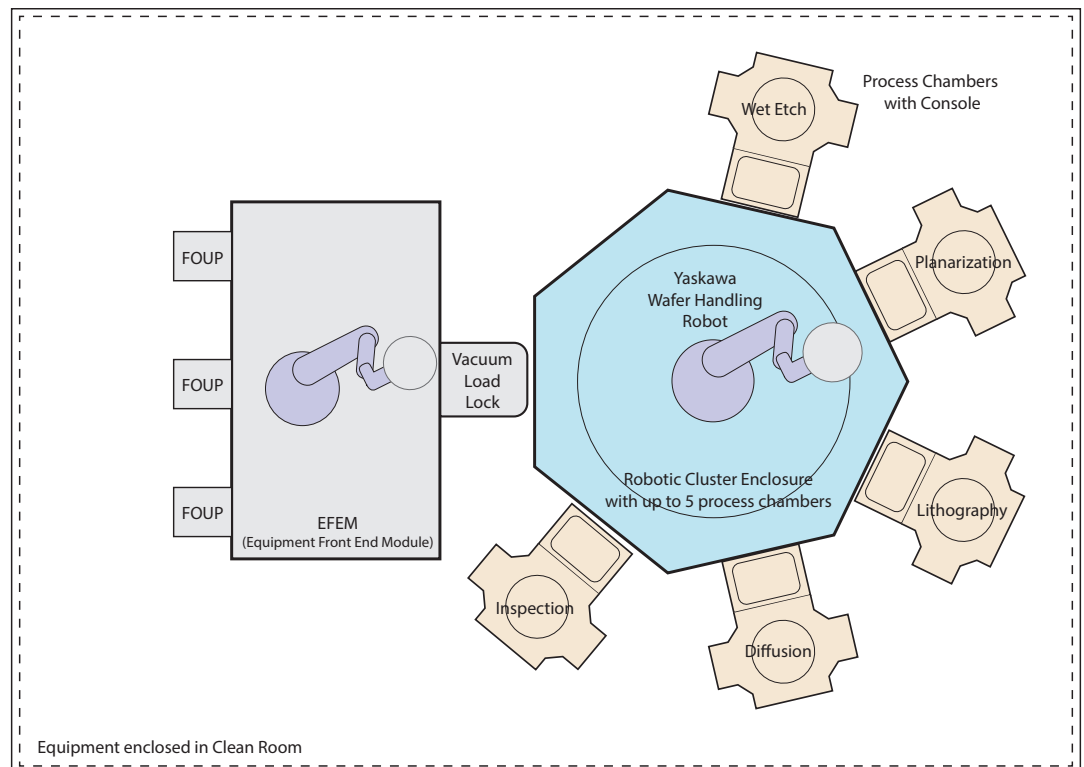
Modular kit for semiconductor manufacturing training

- Curriculum - Intro to advanced level semi manufacturing process training
- Lab - Real equipment simulating the main components of an automated Semiconductor fab

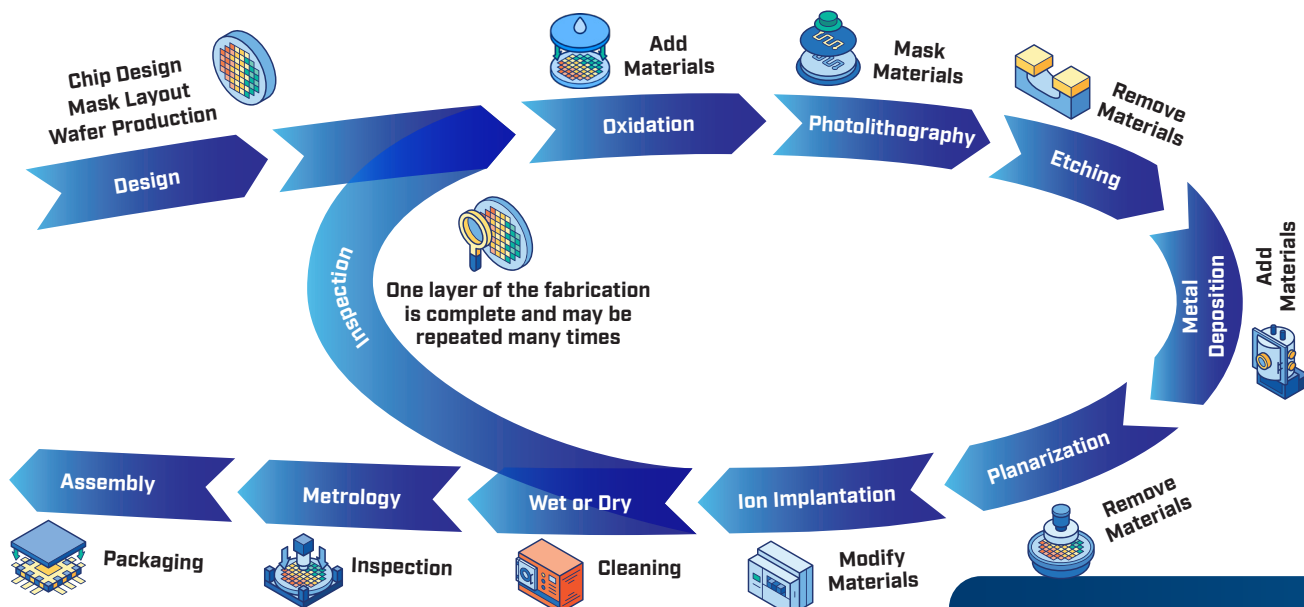
Hands-on Lab

Using real semiconductor fab equipment the Intelitek training program uses simulation of actual clean room, wafer handling with robotics and semi-fab processes to give students realistic experience of the production process.

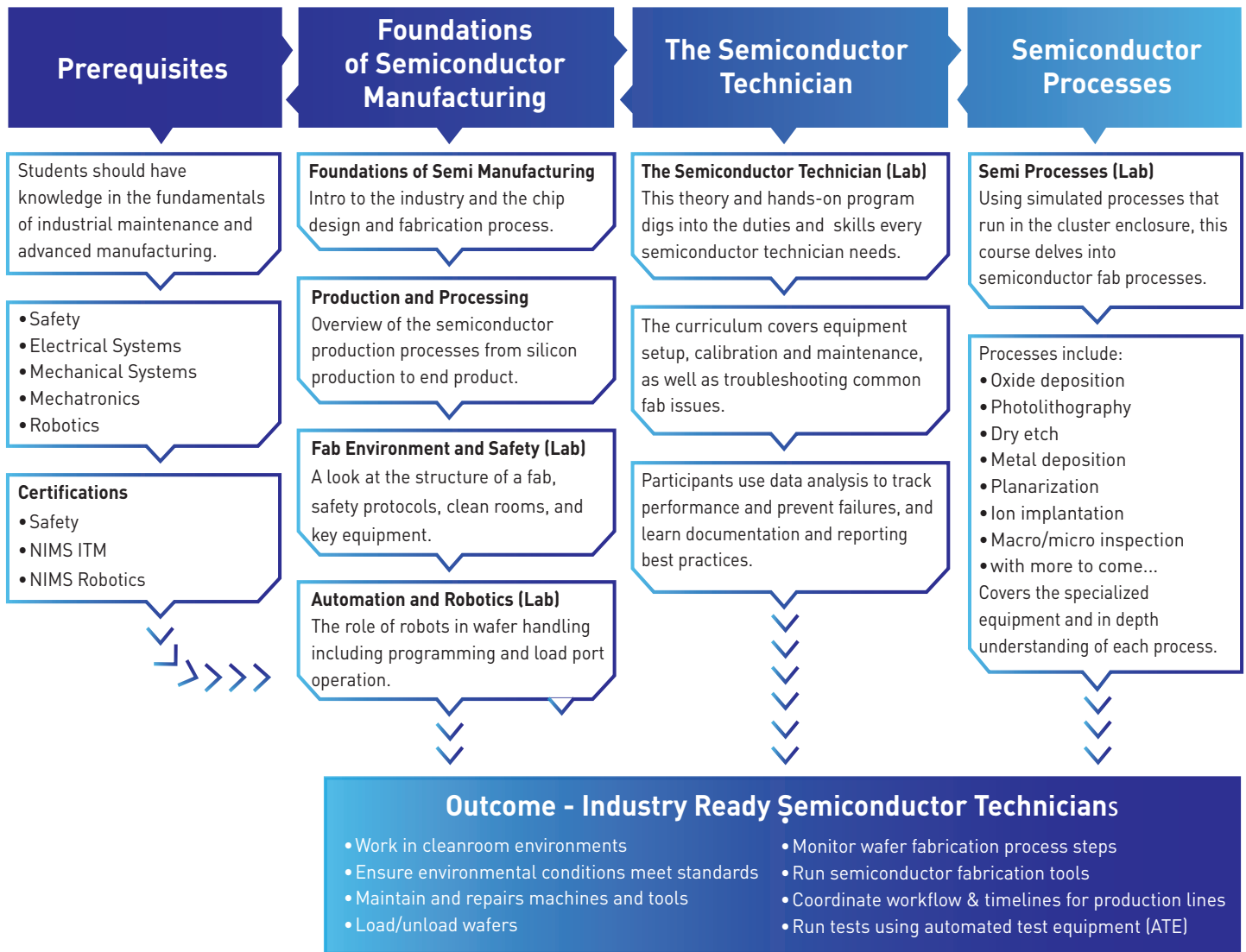
Combined with curriculum students will receive in-depth knowledge to prepare them for jobs in the semi industry.



Training for the end-to-end semi fab process



Curriculum Building Expertise in Semiconductor Manufacturing



Industrial Training Program for Semi-Conductor

DEDICATED CURRICULUM DEVELOPED BY INDUSTRY LEADING SMES

- Semiconductor specific curriculum build on mechatronics and maintenance skills
- Developed by semi-fab veterans to reduce site specific ramp-up time
- Fosters core understanding of the semiconductor industry and fabrication process
- Advanced process-specific topics use simulation to learn details of fabrication steps

PROGRAM VALUE PROPOSITION

- Graduate students familiar with terminology, process, & technology
- Real-world, hands-on training delivers more qualified candidates
- Fill in-demand, high paying positions with experienced candidates
- Reduce employee training and orientation by months
- New employees “hit the ground running”

Why Intelitek?

While most semiconductor programs are theoretical and others focus on basic maintenance skills for industry, Intelitek's program integrates Semi specific courses with practical labs and real equipment.

- Semiconductor specific training designed to enable students to hit the ground running
- Hands-on, in depth, specialized semiconductor knowledge will reduce vendor on-the-job investment by an order of magnitude
- World renowned developer of curriculum, labs and simulations for tech education of maintenance technicians, operators and system specialists



Semi Fab Career Opportunities

Semiconductor Fab Technician

Production | Operations Roles

- Equipment Technician
- Maintenance Technician
- Process Technician
- Manufacturing/Production Operator
- Assembly Operator
- Test Technician

Support | Administration | Coordination Roles

- Clean Room Technician
- Logistics & Material Handler
- Quality Control Inspector
- Production Scheduler / Planner
- Data Entry / Documentation Assistant



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