

I.T.C. Semiconductor Manufacturing Technology

Program Admissions Requirements

This program accepts students every 8 weeks during the Fall, Spring, and Summer semesters.

The curriculum is self-paced and built on a competency-based model. All theory courses are completed online course-by-course. Students must schedule hands-on labs with their instructors for proficiency check-offs prior to starting the next course. Students must achieve an ALEKS score of 30 or higher (or equivalent SAT/ACT scores, or math courses) to be admitted.

For more information, contact David Gorham at (208) 840-0766.

Major Requirements

Code	Title	Credits
ESET 1140	Applied Technical Intermediate Algebra	5
SMT 1101	Clean Room Operations and Lab	2
SMT 1118	Semiconductor Manufacturing Technician I	1
SMT 1118L	Semiconductor Manufacturing Technician I Lab	1
SMT 1119	Semiconductor Manufacturing Technician II	2
SMT 1119L	Semiconductor Manufacturing Technician II Lab	1
SMT 1121	Basic Electricity and Electronics	4
SMT 1121L	Basic Electricity Lab	3
SMT 1122	Electrical Systems and Motor Control Theory	3
SMT 1122L	Electrical Systems and Motor Control Theory Laboratory	1

SMT 1123	Mechanical Power Transmission I	2
SMT 1123L	Mechanical Power Transmission Laboratory I	2
SMT 1127	Mechanical Power Transmission II	2
SMT 1127L	Mechanical Power Transmission Laboratory II	2
SMT 1162	Industrial Safety and Regulations	2
SMT 1184	Pneumatic and Vacuum Systems	2
SMT 1184L	Pneumatic and Vacuum Systems Lab	1
Total Credits		36