

Ohio University CC+ Pathway

Career Track: Semiconductor Manufacturing Technician Fundamentals Certificate

16-hour Pathway

The following 16-hour CC+ Pathway contains courses that meet all of the requirements for the Semiconductor Manufacturing Technician Fundamentals Certificate.

COURSE	COURSE DESCRIPTION	HOURS	OHIO BRICKS	OHIO TRANSFER 36 AREA	TAG AREA	HS REQS
ENGT 1200	Basic Electronics	4				
ENGT 2210	Programmable Logic Controllers 1 and Motor Controls	3			OET022 - Programmable Logic Controllers (PLC)	
ENGT 1011	Introduction to Semiconductor Manufacturing	3				
ENGT 2240	Basic Vacuum Systems Technology	3				
ENGT 2630	Process Control	3				

30-hour Pathway

The following 30-hour Pathway contains 16 hours to complete the requirements for the Semiconductor Manufacturing Technician Fundamentals Certificate and an additional 14 hours that apply to the course requirements for the Engineering Technology Associate of Applied Science degree through Ohio University Lancaster.

COURSE	COURSE DESCRIPTION	HOURS	OHIO BRICKS	OHIO TRANSFER 36 AREA	TAG AREA	HS REQS
ENGT 1200	Basic Electronics	4				
ENGT 2210	Programmable Logic Controllers 1 and Motor Controls	3			OET022 - Programmable Logic Controllers (PLC)	
ENGT 1011	Introduction to Semiconductor Manufacturing	3				
ENGT 2240	Basic Vacuum Systems Technology	3				
ENGT 2630	Process Control	3				

COURSE	COURSE DESCRIPTION	HOURS	OHIO BRICKS	OHIO TRANSFER 36 AREA	TAG AREA	HS REQS
ENG 1510	Writing and Rhetoric I	3	Foundations: Written Communication	English Composition / Oral Communication		English
MATH 1200	College Algebra	4	Foundations: Quantitative Reasoning	Mathematics, Statistics and Logic		Mathematics
COMS 1030	Fundamentals of Public Speaking	3	Bridge: Diversity and Practice Bridge: Ethics and Reasoning Bridge: Speaking and Listening	English Composition / Oral Communication	Communication Studies	Elective
MATH 2500	Statistics and Probability	4	Arch: Constructed World			

Notice:

The high school graduation requirements listed in column HS REQS are not official and are meant for planning purposes only. The responsibility for determining whether a college course satisfies a high school graduation requirement rests with the student's school district. Students should consult with their school counselor before finalizing their college course schedule.

Not all courses listed are guaranteed to be offered on all of Ohio University's campus or available online every semester. Please plan ahead by working with your academic advisor to create a schedule based on available course offerings.

Admission to CC+ does not guarantee availability of or admission to specific courses. In accordance with the Ohio Revised Code, Ohio University must take care to give registration priority to its degree-seeking students while attempting to provide CC+ students with reasonable class choices. Therefore, it is strongly recommended that students fulfill graduation requirements at their high school. However, once a CC+ student has officially registered for a course they will not be displaced.

Participants in the CC+ program are encouraged to work closely with their college advisor and high school counselors to assure that they are taking the proper courses, including those necessary for high school graduation credit.