

Certificate
ROBOTICS TECHNOLOGY

There are many uses for robotics in industry today, from relieving human workers of exhausting and repetitive tasks to increasing productivity and efficiency to taking people out of harm’s way. This certificate will provide students entry-level skills in robotics operations and maintenance. The Robotics Certificate is 100% transferable to HGTC’s Electronics Engineering Technology Associate in Applied Science degree.

CURRICULUM SEQUENCE

First Semester - Fall

EET 113	Electrical Circuits I - DC	4
EET 145	Digital Circuits	4
MAT 175	Algebra Trigonometry	3
	TOTAL	11

Second Semester - Spring

EET 114	Electrical Circuits II - AC	4
EET 210	Digital Integrated Circuits	4
EET 275	Intro to Robotics Manufacturing Technology	3
EGR 275	Introduction to Engineering/ Computer Graphics*	3
	TOTAL	14
	TOTAL CREDIT HOURS	25

*EGR 275 is offered in the fall semester.

For more information about gainful employment, visit: <https://www.hgtc.edu/righttoknow>.