

## Certificate

# ROBOTICS TECHNOLOGY

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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
	<b>TOTAL CREDIT HOURS</b>	<b>25</b>

\*EGR 275 is also offered in the fall semester.

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