North Carolina CTE

Robotics II (2026)

Apply strategies to build durable employability skills through participation in CTSO opportunities. 1.00	1 Apply strategies to build durable employability skills through participation in CTSO opportunities. 1.00
Understand how graphic literacy, workplace documents, and applied mathematics are interconnected to durable employability skills to achieve success in the workplace. 2.00	2 Understand how graphic literacy, workplace documents, and applied mathematics are interconnected to durable employability skills to achieve success in the workplace. 2.00
Understand how to design and build robotic systems with moving parts such as arms, lifts, and drivetrains. 3.00	3 Understand how to design and build robotic systems with moving parts such as arms, lifts, and drivetrains. 3.00
Apply electronics and sensors to make a robot respond to its environment. 4.00	4 Apply electronics and sensors to make a robot respond to its environment. 4.00
Apply coding skills to program a robot to complete tasks on its own. 5.00	5 Apply coding skills to program a robot to complete tasks on its own. 5.00
Apply control methods to improve how accurately and smoothly a robot moves. 6.00	6 Apply control methods to improve how accurately and smoothly a robot moves. 6.00
Understand how robots are wo	7 Understand how robots are used in real workplaces like factories, warehouses, nd labs. 7.00

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factories, warehouses, and labs. 7.00