Available as a capstone certification

Robotics

About this capstone certification
The Robotics capstone certification is a comprehensive certification earned upon successful completion of the following required stackable certifications. This structure validates a candidate's skills across the core areas of the profession and demonstrates readiness for advanced roles.

Required certification exams Exams may be completed in any order.	Items
Robotics 1	32
Robotics 2	31

Capstone certification description
The Robotics capstone assesses candidates' ability to design, build, program, and control robotic devices. Robotics 1 introduces fundamental concepts in mechanical design, electrical systems, sensors, and actuators while emphasizing prototype development and engineering documentation. Robotics 2 builds on this foundation with advanced applications in robotic design, testing, and programming, requiring candidates to demonstrate control systems and problem-solving in real-world contexts. Together, the certifications validate technical readiness for pathways in robotics, automation, and engineering technology.