

Siemens Mechatronic Systems Certification Program

Jobs in the Field of Mechatronics



Job opportunities with the SMSCP – Automotive Companies in the automotive industry, one of the world's most important economic sectors, design, develop, manufacture, market and sell motor vehicles. Due to the rising amount of electric and electromechanical components and systems in vehicles as well as a growing variety in the range of different types of products, the requirements in the manufacturing process have risen too. This makes people with mechatronic education valuable employees for the automotive industry.

Level 1 - Mechatronic Systems Assistant:

Technical clerks for vehicle analysis conduct and evaluate holistic analysis of vehicles, mechatronic machines and systems involved in manufacturing. Based on their findings they assist on developing technical solutions and optimized processes. In cooperation with the related department they carry out the implementation and check the efficiency of these measures to improve the quality of the products.

Level 2 - Mechatronic Systems Associate:

Controls Engineering Technicians are responsible for the design, testing of equipment and assist on planning the manufacturing processes. They handle unusual situations and instruct mechanical and electrical repairs. Moreover, they program and troubleshoot systems such as controllers, robots, laser and vision systems, drives, controllers associated with vintage lobe grinding systems to produce for instance camshafts, connecting rods or channel plates.

Level 3 - Mechatronic Systems Professional:

Development Engineers for electric drives, as a part of the research and development team, develop new motion drives. Therefore the electrification of the drive train plays at least partly a key roll. After developing the conception and simulation, they create electromechanical models for the electronic components such as energy storages and power electronics.

Want to get certified, or confirm a student/instructor/school certification?

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