Siemens Mechatronic Systems Certification Program

Jobs in the Field of Mechatronics

Job opportunities with the SMSCP – Siemens
We are a fully integrated technology company actively operating in more than 190 countries. We’re the global market leader in many fields, offering a wide range of pioneering products for energy efficiency, industrial productivity, affordable healthcare and intelligent infrastructure, with a growing focus on sustainability.

Industry Sector
Siemens Industry Sector is the world’s No. 1 supplier of manufacturing, transportation, building, and lighting systems, with over 207,000 employees world-wide. With our end-to-end automation technologies and a comprehensive array of industry solutions, we’re increasing the efficiency, productivity, and flexibility of our customers.

Level 1 - Mechatronic Systems Assistant:

Assembly Operators (Electro-Mechanical Fitters) assemble unsupervised products with complete inspection for more complex component designs including the testing of such equipment. They fabricate plastic and fiberglass pipework and ensure that the work is of high quality. Moreover, they minimize costs, waste and production build times.

Level 2 - Mechatronic Systems Associate:

Field Service Technicians commission, troubleshoot and maintain Siemens Automation Systems at customer sites. They conduct product training courses for customers in coordination with Siemens training team. In addition, they provide technical support for retrofit, spare parts, service contracts and field service business.

Level 3 - Mechatronic Systems Professional:

Design Engineers for main bearings are responsible for developing systems like gearboxes and main bearings, as well as for cooling and condition monitoring on the wind turbine level. Furthermore, they develop actual applications from the concept through prototyping to implementation in the serial production.
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Energy Sector
Siemens Energy Sector is the world's leading supplier of a wide range of products, solutions and services for power generation, transmission and distribution as well as for the production, conversion and transport of the primary fuels oil and gas. With our over 85,000 employees we’re the only supplier worldwide with comprehensive knowhow encompassing the entire energy conversion chain and, in particular, plant-to-grid connections and other types of interfaces. We focus primarily on the requirements of energy utilities and industrial companies – particularly those in the oil and gas industry.

Level 1 - Mechatronic Systems Assistant:

Plant Mechanical-Electrical Operators assist in the effective, safe operation of the maintenance facility. They undertake maintenance of the allocated facilities and assist with the provision of technical support. Moreover, they produce technical reports on fault investigation, supervise depot operations and provide guidance for team members on technical and operational issues.

Level 2 - Mechatronic Systems Associate:

Electrical Commissioning Technicians are responsible for commissioning tasks, handling defects, and preventive and corrective maintenance tasks. They provide assistance in training other staff and instruct customers' technical staff. In addition, they deal with fault finding PLCs, instrumentation control systems, or variable speed drives, and power control systems.

Level 3 - Mechatronic Systems Professional:

Design Engineers design and develop AC Drives products such as electronic and power circuits and associated options. They provide product support on existing products and participating in product specification. Furthermore, they improve the product integration and support and keep track of key technologies and techniques.
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Healthcare Sector
Siemens Healthcare Sector is one of the world’s largest providers to the healthcare industry, offering solutions based on core competencies and innovative strengths in diagnostic systems, therapeutic technologies, and knowledge processing – including information technology and systems integration. In our Healthcare Sector approximately 48,000 people worldwide integrate medical technology, IT, service, and consulting for innovative solutions with proven customer benefits.

Level 1 - Mechatronic Systems Assistant:

Assembly Operators use mechanical and pneumatic tools, electrical test equipment as well as robotic welding machines to produce superconducting magnetic resonance imaging magnets for medical applications. Moreover, they maintain the machines and test such components as post impregnated coils.

Level 2 - Mechatronic Systems Associate:

Field Support Technicians for Magnetic Resonance are responsible for understanding and clearing of malfunctions on medical systems. They analyze technical problems with the help of remote diagnosis, choose the adequate spare parts and extend the knowledge database. In addition, they take the lead in projects and on-side supports to solve customers’ troubles.

Level 3 - Mechatronic Systems Professional:

Electromechanical Designers for MRI electronic components design the mechanical aspects of electronic modules, subassemblies and racks. They care for the complete development process, from technology demonstrator to the production transfer. Furthermore, they plan and define the work packages inclusive costs, resources and timelines.

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

Contact us: info@siemens-certifications.com
Or visit us at: www.siemens-certifications.com

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