

Mechatronics Engineer

Mechanics, electro technology and information technology (IT) go hand in hand at the complex systems/ machines Mechatronics Engineers deal with. Apprentices, who take up the profession as a Mechatronics Engineer, acquire the respective knowledge for manufacturing, commissioning and operating mechatronical plants. Maintenance work at these machines is also part of their job. Due to the concept of the education contents, the Mechatronics Engineers will be electrical experts when they have passed their final exams

The apprenticeship starts with conveying basic knowledge on metal, electronics or IT – related fields. This basic knowledge will provide better understanding in the course of their education for example for the mode of operation of the mechatronical plants in Pre-press or Finishing. Training in the area of production conveys knowledge on the machine function under real conditions. The Mechatronics Engineers will then be able to practically apply their knowledge in Engineering service support, the electrical workshop or information technology

All education contents such as electronics, mechanics, pneumatics, sensor technology, actuating elements and measuring and control technology are combined at our complex machines, so that the apprentices can apply the theoretical knowledge they have learned directly in practice.

As mechatronical systems become obsolete after a relatively short time these days, constant further education is essential in this job. Being open for new technologies is therefore a basic requirement for the Mechatronics Engineer. The Mechatronics Engineer must be able to follow the system in order to locate the error quickly and to resolve the problem in case of any errors occurring in the electronic control or data transfer.

This aspect needs to be considered during education, as corporate quality management systems are gaining in importance. The apprentices therefore learn how to use the present quality management systems, especially how to carry out constant improvement processes. Those who are dealing with IT, mechanics or electronics as their hobby at home already have a little advantage for their 3 ½ years of education as a Mechatronics Engineer.

Requirements

- CSE graduation, preferably German secondary modern school certificate
- Good knowledge of maths and physics
- Good technical grasp
- and sound colour perception

Prinovis Ltd. & Co. KG
Mechatronics Engineer

Duration

3 ½ years

Place of Education

Ahrensburg, Dresden, Itzehoe

Please use our application form under “Vacancies” for your application during the application procedure!