



Curriculum Modernization and Training of Trainers.

While the technology of mechatronic systems is moving forward, this development presents a major challenge to vocational trainers. At Shenzhen No.3 Vocational School of Technology a new curriculum designed by TÜV Rheinland Academy is helping to overcome this bottleneck.

Data and facts

Client	Shenzhen No.3 Vocational School of Technology
Period	November 2015 – ongoing
Site	Shenzhen
Services	Curriculum modernization and training

INITIAL SITUATION AND REQUIREMENTS

In recent years, the term “Industry 4.0” has become a buzzword, especially in China with its large manufacturing infrastructure. At the same time, the term is raising a lot of questions within the industry and presents a significant challenge for companies. Not only for them. The Shenzhen No. 3 Vocational School of Technology has been facing the same challenge and has been looking for a partner capable of providing help, support and advice in strengthening the technical fundamentals and in getting prepared to teach the new content.

SOLUTIONS, RESULTS

Before the concept of “Industry 4.0” can be implemented, fundamentals in mechatronics, pneumatics and automation have to be studied and practised thoroughly. This task is fulfilled by TÜV Rheinland Academy. Together with our experts and trainers we have redesigned the mechatronics curriculum, developed a novel training concept by integration of pneumatic and automation teaching content and have trained instructors to grasp these new subjects. We have been preparing them to make use of the new workshop training hardware and have strengthened their practical training skills. Now, the school is ready to take the next step forward and integrate additional “Industry 4.0” relevant content.

YOUR BENEFITS



Training programs at TÜV Rheinland Academy in the field of Technical and Vocational Education and Training (TVET) close the technical education gap between state school-leaving or higher education qualifications and the professional requirements of industry. As an internationally experienced partner in the development of technical skills, TÜV Rheinland Academy is precisely the right solution provider. By implementing the dual system based on the German model, we ensure that education and professional life work hand in hand at local vocational schools. In this way, existing and new employees grow into specialized tasks in a targeted and future-oriented manner.

DID YOU KNOW...?

China has become the world's leader in exports of goods. While a substantial amount of its export trade involves less sophisticated goods such as textiles and steel or products assembled from foreign components such as cell phones and computers, its new ambition is to become a world leader in advanced technology products. The “Made in China 2025” initiative marks the culmination of a succession of five-year plans. This program aims at becoming mostly self-sufficient and globally dominant in ten high technology industries of the future by 2025.

ABOUT TÜV RHEINLAND ACADEMY

In times of emerging markets and increasing demand for skilled workers, technical expertise requires a reliable companion. With branches all over the world, TÜV Rheinland Academy is the international institution for technical and professional expertise in all important subject areas. We impart and verify specialist knowledge in precisely the right way. Our innovative training solutions range from individual training courses to customized personnel development concepts. In this way, we comprehensively strengthen the technical skills of participants all over the world.

FIND OUT MORE ABOUT OUR TRAINING PROGRAMS!

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