Braunschweig and Berlin are our think tanks for new rail automation solutions. Located in the immediate vicinity of both development and production, the Rail Automation Academy is able to successfully divulge fundamental and state-of-the-art knowledge.

**Rail Automation Academy in Braunschweig**

In Braunschweig, training focuses on the following:

- Vicos operations control systems and Sicas interlockings at the Mass Transit Test Center
- training for maintenance staff, system administrators and signalmen employed with mass transit operators
- training at our System Test Center where electronic Simis interlockings are tested under realistic conditions

We offer

- competent and experienced trainers
- state-of-the-art training courses
- tailored hands-on training on special training systems
- the basis for the successful commissioning of systems and the efficient operation of signaling and control systems

Hands-on training on the systems ranges from basic courses to courses tailored for specific groups with durations from a few hours to several weeks. Thanks to the modular design and up-to-dateness of the systems, they meet the requirements of even the most sophisticated training concepts.

As and when required, our courses are held at different locations:

- at one of our test centers
- directly at our cooperation partners (universities, customers and rail operators)
- on the premises of the Rail Automation Academy
- at the Rail Automation Training Center in Berlin

For our training courses, rooms equipped with state-of-the-art technical equipment as well as several realistic training systems of the latest generation are available.

**Customer training**

Experienced and highly qualified trainers communicate their knowledge by means of state-of-the-art learning methods:

- provision of railway-related basics and knowledge about Siemens products and systems as well as standards and processes such as CENELEC, RAMSS, etc.
- transfer of practical experience
- close interaction between development and application
- research transfer – close cooperation with institutes of renowned universities such as the Technical Universities of Braunschweig and Dresden and the University of Budapest
- more knowledge through cooperation – provision of basic knowledge on railway operations as well as rail services-related training in close cooperation with railway operators
- training of seminar participants to become recognized know-how carriers in the industry

**Siemens Rail Automation Academy**

The complex products and processes of rail automation require innovative railway operators and manufacturers of railway technology to continuously provide special knowledge to both employees and customers. The Siemens Rail Automation Academy concentrates this know-how and focuses all its resources on this task.
Competence assurance and know-how transfer from rail professionals to rail professionals

**Customized training**
Our motto “customized” – “time-optimized” – “cost-optimized” forms the basis for tailor-made training solutions. Essentially, our customized training is based on the standard course program which is adapted to individual training requirements.

**Exclusive training courses**
Even though our standard course program covers a wide range of professional internal ongoing training, special one-off or repeated training measures for technical and organization-specific subjects may be required again every now and then. We would be delighted to support you in this respect.

We offer specific training packages for your employees at the Rail Automation Academy’s training locations or on your own premises.

Your benefits:
- reduction of travel expenses thanks to on-site training
- specifically required know-how development: improvement and increase of system and integration knowledge

**Training course series / curricula**
The experience gained through “customization”, i.e. the customer-specific adaptation of training courses, has enabled us to compile series of courses with different thematic focuses combining various individual training courses with interrelated contents. This allows us to offer comprehensive training on a specific topic. The “Railway Signaling Specialist” curriculum, for example, qualifies the trainee with regard to the entire railway technology spectrum.

Further curricula complete our services:
- Railway Operations – Basic Knowledge
- Safety and Availability
- Accredited Inspectors / Assessors

We would be delighted to develop curricula tailored to your specific requirements.

**Our partners**
- Technical University of Braunschweig, Germany
- Technical University of Dresden, Germany
- Ostfalia University of Applied Science, Germany
- Budapest University of Technology and Economics, Hungary
- Beijing Jiaotong University, China
- Hamburg-Consult, Germany
- DB Training (Learning & Consulting), Germany
- Technical University of Darmstadt, Germany

**Competence assurance and know-how transfer from rail professionals to rail professionals**
Contact
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The information in this document contains general descriptions of the technical options available, which do not always have to be present in individual cases. The required features should therefore be specified in each individual case at the time of closing the contract.

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