**Fast and efficient knowledge transfer**

**How companies can make a success of rolling out lean production**

**Lean production was originally introduced at Toyota in Japan to optimise processes and cut throughput times. Although this concept makes production far more efficient, it is still overlooked and is barely used in this part of the world. Why is that? Lean production is often seen as being synonymous with job cuts – a fatal error. All kinds of incorrect and contradictory information can be found online. Training portals such as the item Academy, on the other hand, provide sound, substantiated findings. They offer rapid online access to wide-ranging information at no cost, meaning companies can realise the full potential of lean production and enjoy all its benefits – with profitable results.**

How can you include all staff and provide them with the best possible lean production training? Companies often rely on in-person events, but these one-off introductions to lean concepts are rarely a success. Language barriers are one problem and limited space another – especially during the coronavirus pandemic. Coordinating such events is often complicated, too, if a large number of skilled workers are not to be tied up simultaneously. Last but not least, only a limited number of lean experts are available, which means training campaigns often drag on over a long period of time. That is both costly and inefficient.

**Comprehensive knowledge transfer – online at no cost**

Training measures should deliver rapid results. To achieve this, as many staff as possible need to attain a specific level of knowledge very quickly. That’s where the item Academy comes in. This training platform from item Industrietechnik GmbH provides quick and easy access to information at no cost. A PC with internet access is all users need. They register just once and can then obtain an online introduction to [lean production](https://academy.item24.com/ilias.php?baseClass=ilSAHSPresentationGUI&ref_id=1175) along with information about [other technical topics](https://academy.item24.com/goto.php?target=cat_1525) such as ESD safety and linear technology – whenever and wherever it suits them. All content is based on well-founded knowledge and years of experience. It is available in a total of seven languages – English, German, French, Italian, Spanish, Polish and Chinese.

**From value-stream mapping to Karakuri/low-cost automation**

Online training from the item Academy provides straightforward summaries of essential information and is broken down into multiple sections, with knowledge about lean production presented in an overarching context. There are several modules dealing with the lean philosophy – from the [basics](https://academy.item24.com/ilias.php?baseClass=ilSAHSPresentationGUI&ref_id=1175), [value-stream mapping](https://academy.item24.com/ilias.php?baseClass=ilSAHSPresentationGUI&ref_id=96) and value-stream design to the [pull strategy](https://academy.item24.com/ilias.php?baseClass=ilSAHSPresentationGUI&ref_id=554) and the [one-piece-flow concept](https://academy.item24.com/ilias.php?baseClass=ilSAHSPresentationGUI&ref_id=540). Aspects of assembly line design and the 5S method as an option for visual management are also explained. Users who have already familiarised themselves with the basics can move on to the online training focusing on the Lean Production Building Kit System. After all, item components are developed specifically for lean production requirements and support the CIP (continuous improvement process). Individual modules cover the basic elements, standard-compliant rack design, the possibilities of the online Engineeringtool and Karakuri/low-cost automation. The content alternates between explanations of the underlying theory and practical, interactive sections. Users can also obtain [certificates](https://academy.item24.com/ilias.php?ref_id=1497&cmd=view&cmdClass=ilobjcontentpagegui&cmdNode=wy:m1&baseClass=ilrepositorygui) confirming the specialist knowledge they have acquired. These are sent out once they pass the relevant exam, with item covering all certification costs.

To sum up, the item Academy enables companies to turn their staff into lean experts in next to no time, creating a strong basis for the rapid and successful rollout of lean production.

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**Caption 1:** With online training from the item Academy, a large number of staff can attain a specific level of knowledge very quickly – whenever and wherever it suits them.

**Caption 2:** Users can go online for an introduction to lean production or to learn about the basics of the lean philosophy.

**About item**

item Industrietechnik GmbH is the pioneer in building kit systems for industrial applications and a partner of the manufacturing industry across the entire globe. Today, the item product portfolio comprises more than 4,000 high-quality components designed for use in machine bases, work benches, automation solutions and lean production applications. The company has received a string of awards for products with ground-breaking industrial design and end-to-end ergonomics.

item is spearheading digital engineering by driving forward the digitalisation of processes with software tools developed in-house. The item Academy offers training at various levels, with on-demand training and online courses available in multiple languages.

Headquartered in Solingen, Germany, item has subsidiaries in various countries. Some 900 employees worldwide harness their know-how and passion to develop innovative solutions and services. Twelve sites make sure the company is always close to customers in Germany, with a global logistics chain ensuring swift delivery times for all components.

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