

DIGITALISATION AND INDUSTRY 4.0 DRIVER LICENSE®

Are you on target for industry 4.0?

“Four point what?”

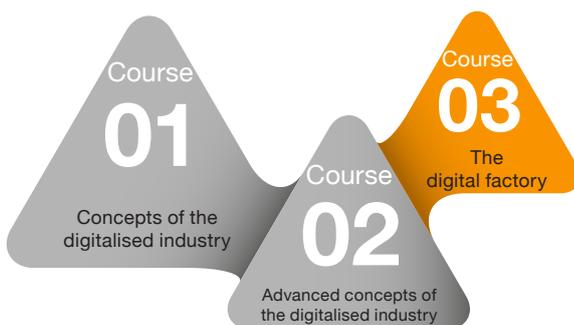
Industry 4.0 stands for the digitalisation of the whole industry. The term describes the comprehensive transformation to flexible and adaptable production networks on the basis of networked and data driven infrastructure. The target of industry 4.0 is therefore the intelligent company, that is characterized by transformation ability, efficiency of resources, collaboration of humans and machines and a continuous integration of adding value partners.

Thereby the digitalisation is going to change our whole working environment and therewith the function of the people. New potentials for efficiency and cost reduction as well as new products and services based on innovative business models are created.



“In the industry, the challenge of the digitalisation is often discussed, without approaching it concrete and systematically.”

The first systematic and practice oriented industry 4.0 training course



- Course 1
Development of the industry 4.0 concept | Basics of digitalization | Big Data | Internet of Things and Services | Industry 4.0 Matrix | Horizontal and vertical integration I | Research & Development 4.0 | Production 4.0 | Logistics 4.0 | Business model innovation 4.0
- Course 2
Wrap-Up course 1 | Quality management 4.0 | Maintenance 4.0 | After sales services 4.0 | Business analytics and data mining | Ecosystems 4.0 | Horizontal and vertical integration II | Robotics 4.0 | Autonomous Systems | Employment and workplace 4.0
- Course 3
Wrap-Up course 2 | Human machine collaboration | Assistance Systems, Augmented reality and Virtual Reality | Cloud computing and service orientation | Software system environment | Change management for I4.0 | IT security | Continuous and digital engineering | Additive manufacturing and 3D printing | Digital implementation management
- Exam
Online exam part of Course 3

KEY QUESTIONS IN COURSE 3

- How is Human-Machine Collaboration changing the work organisation?
- Why does it make sense to consider AR/VR for future factory setups?
- How can Cloud Computing improve the IT infrastructure with more flexibility and scalability?
- What needs to be considered for new IT environments and security mechanisms?
- Why is digital engineering a crucial part of industry 4.0?
- Which applications should be considered for additive manufacturing?
- Why is Change Management the critical success factor for all industry 4.0 activities?

YOUR PROFIT

- systematic comprehension for the digitalisation
- concrete approaches for your company
- character of a interactive workshop

WHAT ELSE YOU SHOULD KNOW

- venue: worldwide (2 days)
- course materials and catering will be provided
- in-house training course on request



“Industry 4.0 requires a whole new mindset, that a lot of companies haven’t realised yet.”



german innovation centre
for industry 4.0

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