

# DIGITALISATION AND INDUSTRY 4.0

## DRIVER LICENCE. CORSE 1



### Course 1: Basic concept of digitalising industry

- The way forwards the 4.0 industrial revolution
- Basics of digitalisation
- Big Data
- Internet of things
- Industry 4.0 technology matrix
- Horizontal and vertical integration
- F&E 4.0
- Production 4.0
- Logistic 4.0
- Business model innovation 4.0

### Benefits for participants:

- You learn specific approaches to problems of industry 4.0 for your own company
- You get a systematic understanding of digital transformation of the industry
- You get to know already realized industry 4.0 projects
- You are able to interchange interactively with workers of other companies and branches

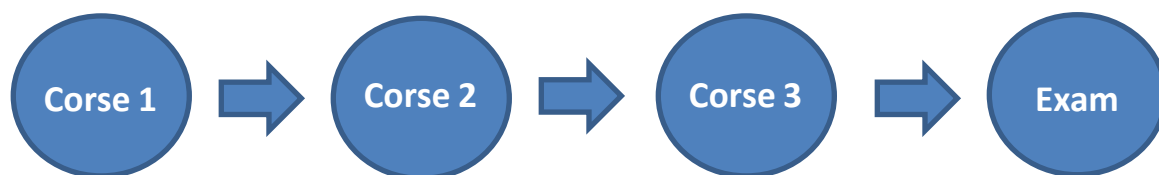
### Methods:

- Moderated content transfer
- Interactive group discussions
- Analysis of case studies (realised projects)
- Group exercises (e.g. technology-potential estimation)
- Single exercises ( e.g. optimisation potential in your own company)

### Target audience:

All function and hierarchy areas, which need and aim education about challenges and solution for digitalisation of the industry:

manager, executive producer, production workers, shift foreman, logistic manager, logistic workers, project manager, personal department, marketing and distribution, controlling, quality management.



Major Concepts of the digitalized industry, Big Data, Industrie 4.0 Technology Matrix

Quality Management 4.0, Data Mining, Predictive Maintenance, Robotics 4.0

Network technologies, Sensors, Interfaces, Additive Production, IT Security, Architectures, Assistance systems, Man-Machine Cooperation, Cloud Systems, MES 4.0

Exam for driver license

### PHILIPP RAMIN



Philipp V. Ramin studied Business Management at the University of Regensburg and at the American University, Washington D.C. He holds a Bachelor's and a Master's Degree with focus on Technology and Innovations Management and Management & Leadership.

Philipp gained valuable experience at Mercedes-Benz and BMW, where he worked on several process improvement projects. During his affiliation with the consulting firm Institute for Innovation and Management he was involved in projects for the automotive industry.

Since 2008 he has gained special expertise on digital business models through the involvement in technology projects with his consulting firm.

Additionally, he holds the position of a Vice Managing Director for the MÜNCHNER KREIS - an international association acting as an independent platform for exploring the opportunities and challenges of the digitalization of business.

In 2014, Philipp set up the new company German Innovation Centre for Industry 4.0.



2017.03.16-17



Vilnius



500\* EUR + VAT

\* For Association LINPRA members  
300 EUR + VAT



The number of participants is limited: 20

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