



Everybody is talking about Industrie 4.0.

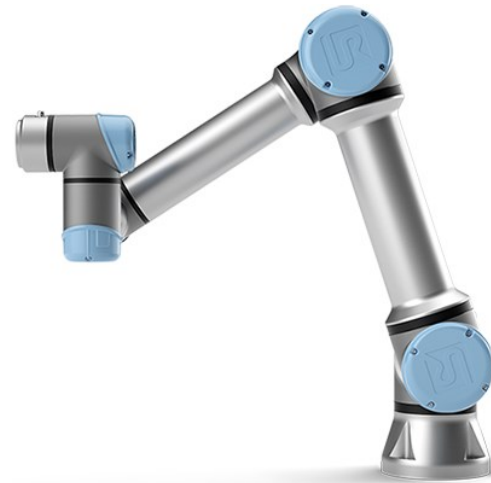
Is it your chance?  
Or is it a great danger for your job in future?

Get familiar with some of the key technologies,  
test your possibilities to take part in future  
technologies and  
find out, where problems of automation start.

Europe is great.

Meet other European students, work together in  
English as the common language, have fun and  
enjoy two weeks in the marvelous Bavarian  
capital, founded by Benedictine monks in 1158.

Nowadays, Munich is a city with over 1,5 Mio  
inhabitants, living of the leading companies in  
German hightech.



**Interested?**

Contact your Teacher

or

contact us:

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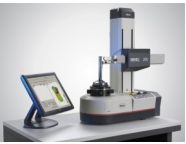


International module:  
**„Integration of systems in  
supply chains with focus on  
the Internet of Things“**  
Munich, 2019-11-04 until 2019-11-15

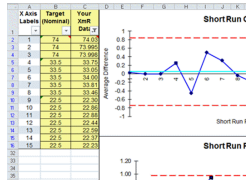


Topics to learn:

- Exchanging data: describe data formats, select data formats for different iOS's, work safely in the Internet
- Mounting bearings with cobots: demonstrate mounting of bearings and retaining rings with robots, using cobots as an example, identify problems,
- Testing form and position, testing of surfaces; analyze geometric tolerances and indications of surface testing and examine a gear shaft for its properties



- Statistical process control, using Excel: apply methods of statistical process control, especially process control cards



- Transferring data with barcodes, qr-codes and RFID-chips; select and apply barcodes or RFID-chips to identify the workpiece while manufacturing and to save process data sets



- Training and instructing mounting-processes by virtual reality; apply with a common CAD-System 3D-volume-models to give instructions for mounting a gearbox, design manuals, learn about possibilities of virtual reality



Topics to experience:

- Feel Bavaria, smell Munich
- Visit German companies, see how they do Industrie 4.0
- Visit fabulous castle of "Neuschwanstein" (Note: There will be Extra—Fees of about 80€ to be paid by yourself!)



- Give yourself an account of your way of working by writing a "learning diary"
- Get used to present your knowledge with video reports and photodiaries in english

You can be part of the program, if...

- you want to become a metal worker and you have learned at least two years, when module starts
- you learned a little English at school. (Note! no one is specialist in English, we will learn together and improve our English, using hands and feet!)
- you are open to collaborate with students from various nations and cultures
- You are highly motivated to learn something and your teacher would say, you are a student with "good marks" (Note! There will be a lot to be learned, you have to do a lot of work in small groups on your own!)
- You are willing to spend time with the team (Especially students from "Deroystraße"!): even when school has finished and weekend has come: you are exploring Munich and the landscape with your colleagues or you are sitting together, chatting.