

CERTIFICATE PARTICIPANTS

Technische Universität Kaiserslautern graduate students can certify their in-depth knowledge of “Digital Transformation” through an additional certificate if they are earning a master’s degree in:

Electrical and Computer Engineering:

Dr.-Ing. Christian De Schryver,
schryver@eit.uni-kl.de

Computer Science:

Dr.-Ing. Bernd Schürmann,
schuerma@informatik.uni-kl.de

Mechanical and Process Engineering:

Dr.-Ing. Marcus Ripp,
ripp@mv.uni-kl.de

Business Studies and Economics:

Dr. Jürgen E. Blank, jblank@wiwi.uni-kl.de
Dr. Stefan Puderbach, puderbach@wiwi.uni-kl.de

Social Sciences:

Prof. Dr. Karen Joisten,
joisten@sowi.uni-kl.de

Graduates of TUK should be prepared for the future challenges of an “ecosystem” world by combining their focus area, such as engineering, computer science, or economics, with competence in at least two other related areas.

WANT TO LEARN MORE ABOUT DIGITAL TRANSFORMATION?

PLEASE GOT TO: <https://bit.ly/3cL3vVM>



DIGITAL TRANSFORMATION CERTIFICATE



IMPORTANCE OF DIGITAL TRANSFORMATION

In the digital transformation era, systems interconnect all “things” – physical objects, digital technology, and humans. These systems provide intelligent services by effectively using masses of data. We call them “ecosystems.” Examples of digital transformation include social media, big data, cloud services, smart devices, Internet of Things, and blockchain. These ecosystems not only accompany our lives, but change them.

Companies are looking more and more for university graduates with expertise in the context of ecosystems. This is true for companies across sectors, including automotive, health and energy.

DIGITAL TRANSFORMATION IN KAISERSLAUTERN

Kaiserslautern is becoming one of the world’s recognized centers for digital transformation due to its expertise in all relevant areas:

- ❖ **Engineering (physical world)**
- ❖ **Computer Science & IT (digital world)**
- ❖ **Machine learning (analyzing and interpreting masses of data)**
- ❖ **Economics & Social Sciences (establishing new business models)**



REQUIREMENTS

A total of 20 Credit Points must be obtained with classes from at least three of these four areas. Each area must be covered with at least 3 Credit Points. A single lecture may not exceed the maximum amount of 8 Credit Points.

All participating departments offer classes, which can be viewed in our course catalogue. Currently, there are more than 80 classes offered. One of three courses in the Business Studies and Economics Department or in the Social Sciences Department are compulsory for all participants.