

>> 95 %  
of all students  
would recommend  
DISC.

## ADVANTAGES OF A DISTANCE STUDY DEGREE PROGRAMME

The Distance and Independent Studies Centre (DISC) has twenty years of experience in the development and design of academic programmes of guided self-directed study. Currently, about 3,900 students are using the career-integrated master degree and certificate programmes of DISC for their professional careers.

More than 80% of the participants in a DISC distance study degree programme complete their studies successfully. The basis of this high success rate is the combination of professionally renowned study programme leaders, study materials that are didactically packaged in a professional manner, online offers, and the reliable study programme advice and support by the staff of DISC.

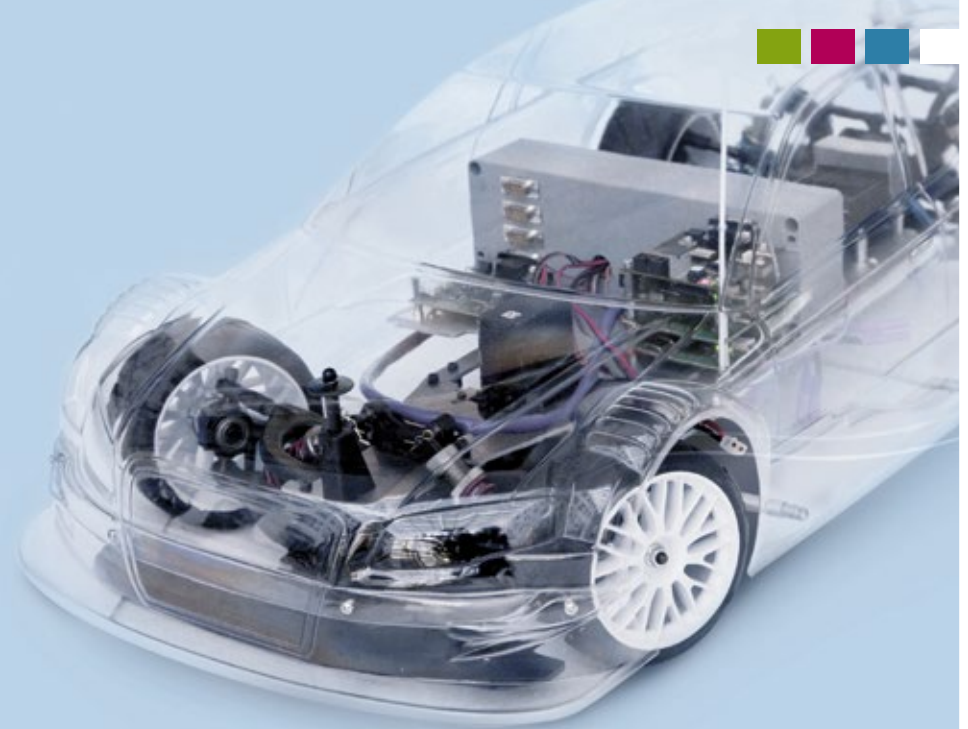
### THREE PILLARS FOR HIGH STUDY QUALITY

- ❖ Autodidactic learning materials developed by leading scientists specifically for use in this study programme
- ❖ Learning-platform-based online interactions throughout the entire study programme
- ❖ On-campus events taking place in Kaiserslautern on one weekend per semester

FIND OUT  
MORE NOW!  
FREE AND  
NON-BINDING  
INFORMATION!



FIND OUT MORE NOW:  
[www.zfuw.de](http://www.zfuw.de)



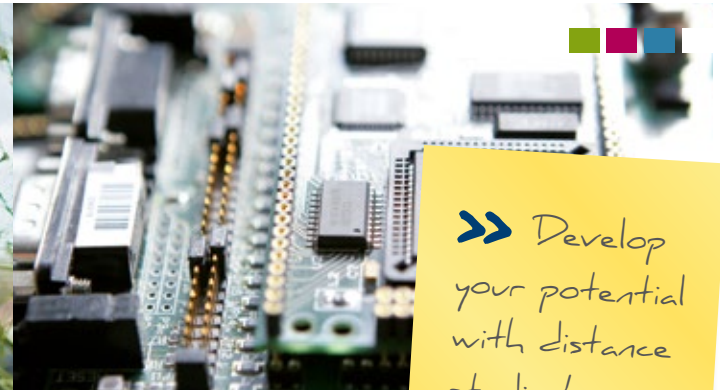
POSTGRADUATE DISTANCE STUDY PROGRAMMES  
SCIENCE & ENGINEERING



## DISTANCE STUDIES AND CAREER SOFTWARE ENGINEERING FOR EMBEDDED SYSTEMS

 TECHNISCHE UNIVERSITÄT  
KAISERSLAUTERN

DISTANCE AND INDEPENDENT  
STUDIES CENTER 



» Develop your potential with distance studies!

*Dear prospective students,*

In most of the domains where embedded systems are common (e.g., in the automotive industry), software plays a dominant role. Companies are faced with the challenge of increasingly using experienced engineers to work in the domain of software engineering even though these usually do not have any education and training in this field.

The objective of this distance study programme is to provide engineers with a solid theoretical background in software engineering.

We would be happy to send you our detailed study guide.

Prof. Dr. Dr. h.c. Dieter Rombach  
Software Engineering Processes  
and Measurement Research Group  
University of Kaiserslautern

## STUDY CONTENTS

### BRIEF EXCERPT

- BASIC PRINCIPLES OF SOFTWARE ENGINEERING FOR EMBEDDED SYSTEMS
- PROJECT MANAGEMENT
- REQUIREMENTS ENGINEERING, SOFTWARE QUALITY ASSURANCE, SOFTWARE PRODUCT LINES
- COMPONENT-BASED SOFTWARE DEVELOPMENT, REAL-TIME SYSTEMS
- DEPENDABILITY ENGINEERING AND MODEL-BASED SOFTWARE DEVELOPMENT, ETC.

## AT A GLANCE

**Degree:** Master of Engineering (M. Eng.)

**Regular Duration of Studies:** 4 semesters (career-integrated)

**Costs per Semester:** €1950 + €90 social fees

**Master Examination Fee:** €500 (one-time fee)

**Start:** each winter semester (1 October)

**Language:** English

## TARGET GROUP

Engineers working in the area of software development who need to acquire advanced knowledge about new technologies and expand their software engineering skills.

## ADMISSION REQUIREMENTS

A degree in engineering, e.g. in electrical engineering, mechanical engineering, or in computer science, physics, mathematics, and business information systems.

In addition, proof of at least two years of relevant professional experience in the area of software development is required.

For admission to this course, a sufficient level of proficiency in English must be demonstrated.