

People | Potential | Performance

Excellence in International Qualification: Carl Benz School of Engineering at KIT

Tjark Hecht, 14.1.2015



KIT: Research & Organization

Organizational Structure: **Five** disciplinary **Divisions**

Division I:
Biology, Chemistry
and Process
Engineering

Division II:
Informatics,
Economics and
Society

Division III:
Mechanical and
Electrical
Engineering

Division IV:
Natural and Built
Environment

Division V:
Physics and
Mathematics

Research Profile: **Seven** interdisciplinary **KIT-Centers**



Energy



**Climate and
Environment**



**Mobility
Systems**



**Humans and
Technology**



**Information
Systems
Technologies**

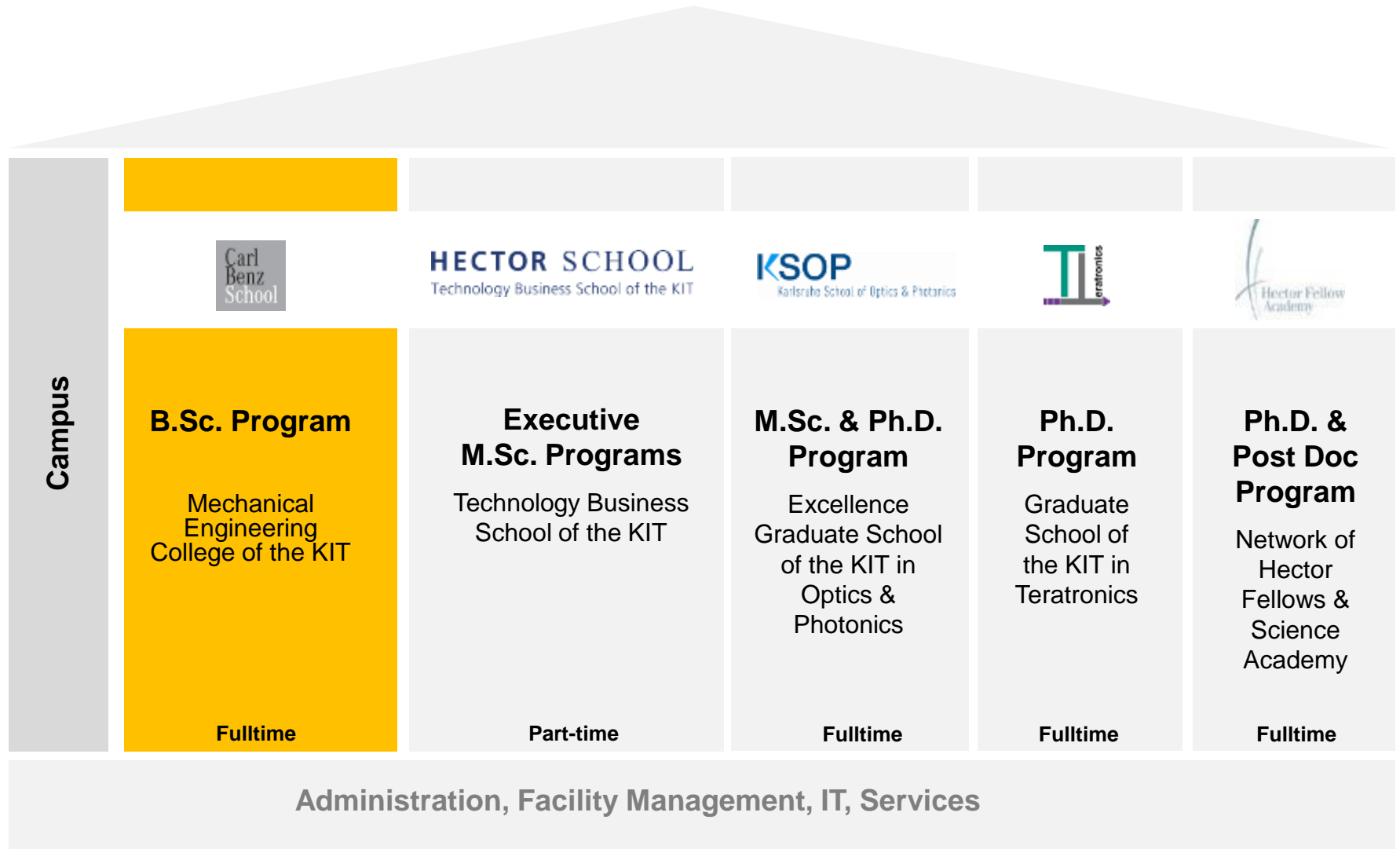


**Elementary
Particle and
Astroparticle
Physics**



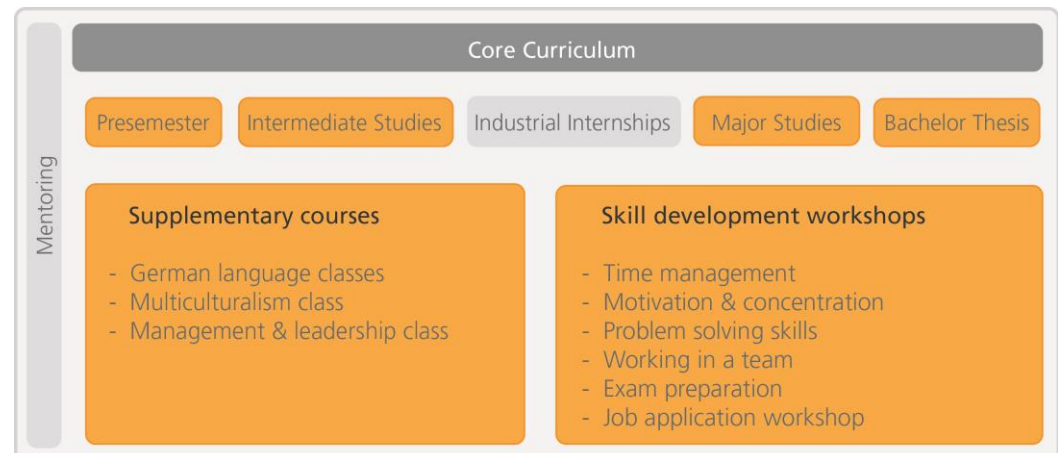
**Materials
Structures
Functions**

Portfolio of the International Department



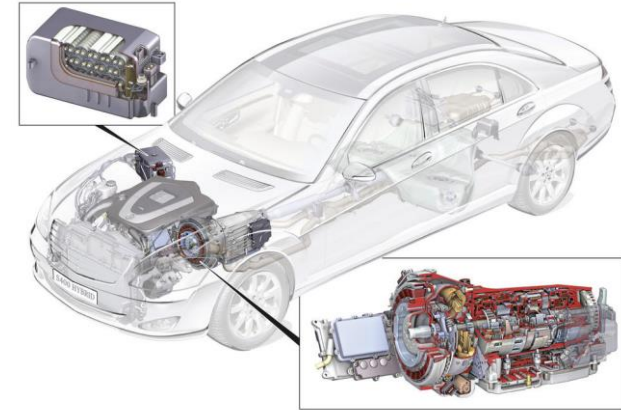
Advantages for students

- English-taught Mechanical Engineering Program (Bachelor of Science of the KIT)
- 3 year bachelor program – 180 ECTS
- Preparing for Master, Ph.D. & Industry
- Partner of International Higher Education (CIS, OACAC, EUC ...)
- Talent bench for global engineers
- Industry internship program
- 90 % International Students
- Recognized around the globe



New in 2015 – Major in Automotive Engineering

- Automotive industry is Germany's largest industry sector
 - Expertise in Mechanical Engineering
 - Headquarters and subsidiaries in Baden-Württemberg facilitate industry applications
- Drastic innovation boost
 - Marketable electro motors
 - Optimization of combustion engines
 - Light-weight design



Current majors

- Production Management
- Energy Engineering
- Railway Technology Systems



Carl Benz School – What do we look for...

- International Background
- Passion for Engineering
- Desire to be part of German Industry
- Building a bridge to company sites around the globe



Facts & Figures of the CBS

- Unique all-in-one package: Campus accommodation; counseling & mentoring
- Broad scope of training offers, e.g., German classes, intercultural training as well as German Business Knigge and application workshops

You choose: English or German Program



KIT Carl Benz School of Engineering

- Language : English only (required Toefl 90 or IELTS 6.5)
- Size of class: up to 40 students
- English speaking Student Office of CBS (2 councilors and 2 mentors)
- Own dorm on the campus Carl Benz School right in the center of Karlsruhe
- Participation at all lectures, activities and offers of the KIT
- Study start with pre-semester in August and entry exam **OR**
- **New offer: entry exam can be taken one year prior to study start**

Maschinenbau-Program at KIT

- Language: German only – B1/C 1 Language knowledge required
- Size of class: 600 students in the first semester
- German speaking “Studienbüro” (3 assistants for all ME classes at KIT)
- Rare accommodation availabilities in Karlsruhe
- Admission: Based on High School grades only
- No participation in the English-speaking programs of Carl Benz School
- Begin of study: October each year

Summer School 2015



For technically-inclined high school students
in their last two years of secondary education.

Carl
Benz
School



June 27 to July 3
or
July 4 to July 10



- Introduction to the educational and cultural aspects of engineering studies
- Workshops
- Visits to institutes of the KIT and engineering companies
- Interesting and entertaining leisure activities



Discover the Exciting World of Engineering at the **Carl Benz School of Engineering**



Completely offered in English



**At the Doorstep of
Worldclass Companies**



Best Research Facilities



**International Village
within Karlsruhe**



**Germany's best
University**



Find us in Europe



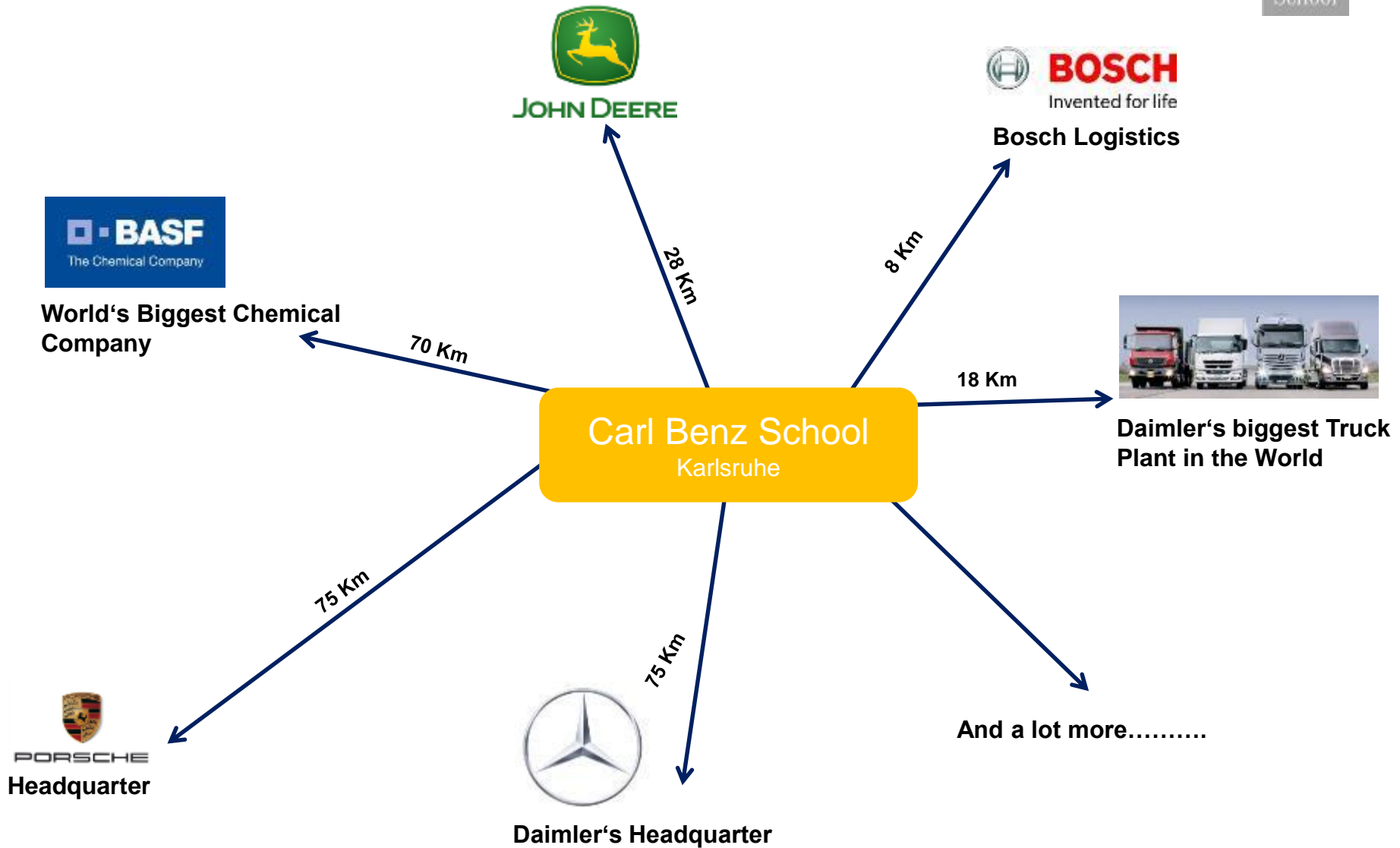
Find us in Germany



Find Karlsruhe



Window of Opportunities



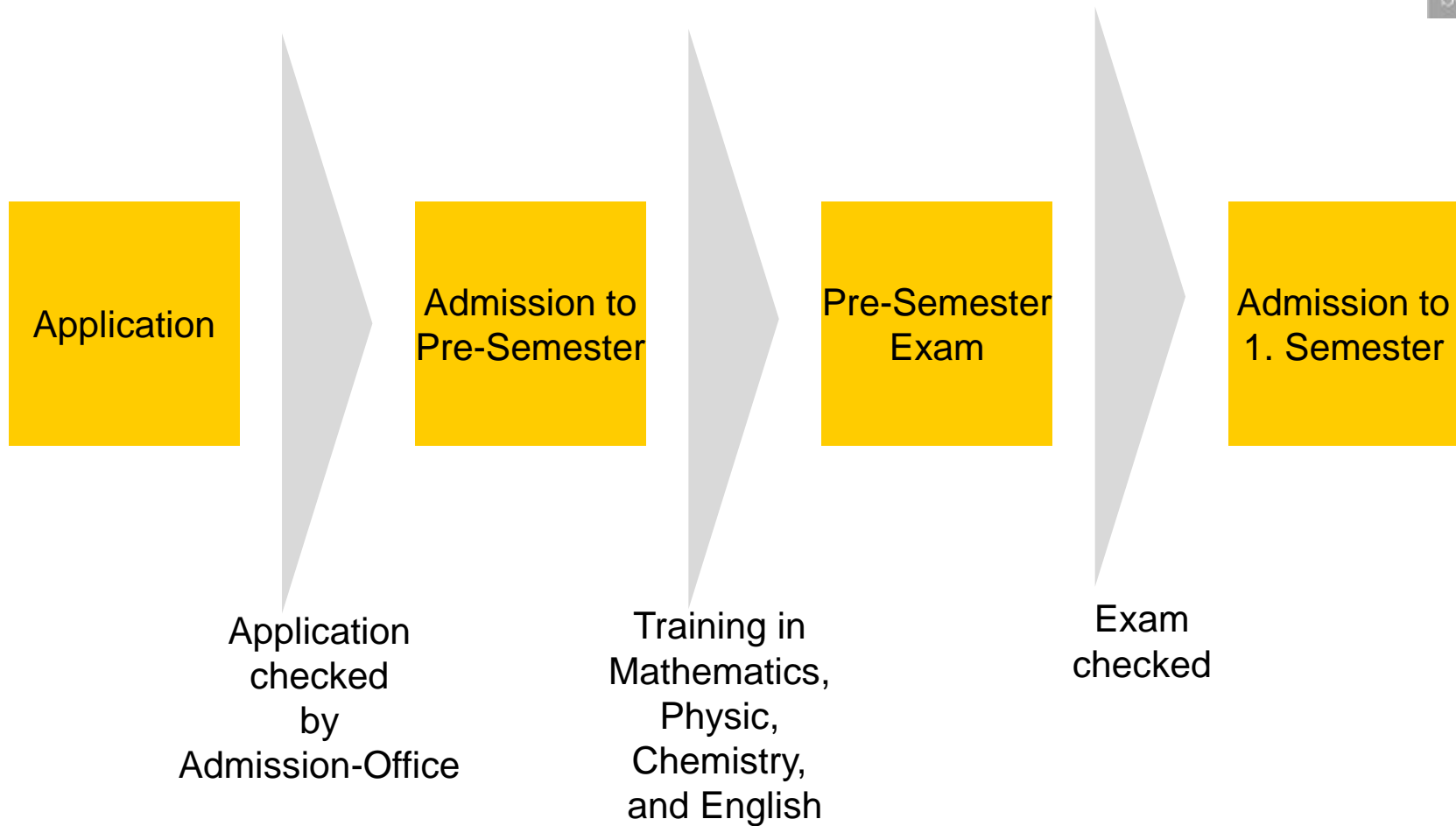
- ✓ High School Diploma (Abitur, A-Level, IB, national or equal)
- ✓ Math, physics and maybe chemistry in the last 2 years
- ✓ Curriculum Vitae including extracurricular activities
- ✓ Recommendation letters by teachers or councilors
- ✓ TOEFL Test (English Test) for not-native speakers
- ✓ SAT and other university test – if available not necessary
- ✓ Passion for Engineering
- ✓ Participating in the Pre-Semester and passing the Entry-Exam

Start of the next Bachelor Programs first week of August

Application Deadline: June 15

Early Application possible – Application accepted from January on

Four steps of Admission Process



- Program Duration: 3 years
- Program Majors: Production management
Energy Engineering
Automotive Engineering
- Program Costs: €3.500 Pre-Semester
€7.000/Semester – tuition fees
+ Living expenses
- Final Degree: Bachelor of Science of the Karlsruhe Institute
of Technology (KIT)
180 ECTS

Student Voices of CBS students



Alp Kocabas

*Uskudar American Academy, Istanbul (Turkey)
Intake 2012*

“I decided to study Mechanical Engineering, because I want to discover and innovate mechanical solutions to industrial problems.”



Isha Gandhi

*William P. Clemens High School,
Sugar Land, Texas (USA)
Intake 2013*

“I like the fact that it’s a more tangible application of maths and science.”

Contact



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Recruitment
Carl Benz School
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Carl Benz School of Engineering
International College

SEARCH

Welcome to the Carl Benz School

Fascinatingly International

Students from more than 22 countries have chosen the Carl Benz School of Engineering to complete their Bachelor of Science in Mechanical Engineering in Gießen.

As part of the Karlsruhe Institute of Technology (KIT) at, the Carl Benz School of Engineering offers quality German university education in the form of an undergraduate mechanical engineering degree program for English-speaking students from around the world. Carl Benz School students benefit from the mentor system that is tailored to meet their specific needs. With international market evolution producing new global standards and changing educational demands throughout the world, Carl Benz School prepares graduates to play an active part in contributing to the industry and global economy.

NEWS

- Registration for 2012 completed**
Admission letters will be sent out soon.
+ Interested in applying for next year?
- Education Prospects between Germany and France**
Sustainable partnership in governmental education advancement
+ International Partners
- Prospective Visit in Germany**
CBS informs German schools on its programs in 2013.
+ Press Release
- New Kit logo and CBS publishes new FAQ catalogue to make things easier for you.**
+ FAQ Catalogue

Carl Benz School Events
July 2012

S	M	T	W	T	F	S
						01
03	04	05	06	07	08	09
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						