

Westerwald Campus – The Knowledge Center for Refractory —

Future – systemically important – sustainable – unique



Education – Training

The Integrated Refractory Education System (IRES) supports the development of young school leavers across all levels of vocational education and training, from basic apprenticeship courses through to graduate and doctorate programmes.

European
Centre for
Refractories



In Hör-Grenzhausen - on the Westerwald Campus - different qualifications are offered to young people who want to work in the various segments of the ceramics industry. Depending on the level of knowledge and training qualifications, paths are offered from skilled workers to state-certified ceramics technicians or academic training. The Koblenz University of Applied Sciences offers a complementary Bachelor and Master degree programme that leads to the qualification Bachelor and Master of Ceramic Science and Engineering or Refractory Engineering.

Bildungs- und Forschungszentrum Keramik (BFZK) Ceramics Education and Research Center



BFZK | BILDUNGS- UND
FORSCHUNGSZENTRUM
KERAMIK E.V.

BFZK offers with its 8 institutes in Hör-Grenzhausen a combination of facilities that is unique in the world, all of which deal with the topic of training and further education as well as research within ceramics.

The Montabaur vocational school, with its ceramics branch, is one of the dual partners in ceramics initial training and teaches the necessary theoretical knowledge for successful completion as a skilled worker in industry or as a journeyman in the trade.

Further training as a ceramics technician or ceramics designer at the technical colleges for ceramics technology and ceramics design is then just as possible as studying for a bachelor's or master's degree on the Westerwald Campus.

Information about the 8 members of the education and research center: www.bfzk.de



Study Guide “Materials Engineering Glass & Ceramics”

The Koblenz University of Applied Sciences offers an application-oriented, engineering Bachelor of Engineering, Bachelor of Engineering dual, Ceramics Industrial Engineer and a consecutive Master of Ceramic Science and Engineering on the Westerwald Campus.

The range of courses: broadly based, clearly focused on ceramics and glass, unique. The Campus can look back on a 150-year tradition in training and is the oldest location of the Koblenz University of Applied Sciences.

Together with the local research institutions, the European Center for Refractories (ECREF) and the Research Institute for Inorganic Materials-Glass-Ceramics (FGK), the site forms a unique concentration of training and research in a small radius. More: www.hs-koblenz.de



Tandem professorship at Koblenz University of Applied Sciences

Master's degree „Refractory Engineering“


The German refractory industry is a world leader in product quality and in the application areas of high-temperature processes. The processing of refractory materials is of particular importance. That is why the German refractory industry is supporting the establishment of a professorship „Refractory Engineering“ as an industrial partner. On the Tandem Professorship Dr. Amin El Gammal appointed.

Prof. Dr. Amin El Gammal

This collaboration between the Koblenz University and the refractory industry will be connected at the Westerwald-Campus and organized by ECREF gGmbH. The development of the international master's degree program „**Refractory Engineering**“ is aimed in particular at international bachelor's graduates in materials science or civil engineering who are about to or after starting their business careers. The content will be divided into the three areas of „Refractory Engineering“, „**Refractory Materials**“ and „**Services**“. Aspects such as building law, construction site management or approval procedures are also dealt with in the curriculum.

Companies in the refractory industry and construction are involved in the establishment and expansion of the Tandem professorship and the connection to practice.

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