



## TRAINING CONCEPT FOR CERAMIC ENTREPRENEURS

**Target:** to offer support to ceramic enterprises, ceramic artists, traditional potters, designers, 3d printing experts.

The MIC starts from experiences in the field to offer new EDUCATIONAL CONCEPTS to ceramic entrepreneurs through the educational possibilities expressed in particular by ceramics museums and links to museum-related educational institutions.

The reality of ceramic handicraft in the whole region is analysed in order to identify the main needs of enterprises, and the perspectives on which to operate. Data on regional, national and European realities are collected in order to provide a comprehensive picture to European ceramic entrepreneurs (part 1).

Starting from this analysis, new production and educational models are designed and proposed, also through specific “case studies” in this specific case at ISIA University, Faenza (part 2).

New training courses are preparatory to the creation of new artistic and artisan ceramics companies. The “Faenza system” offers interesting ideas for craftsmen and ceramic workshops (part 3).

## PART 1.

Existing TRAINING COURSES and experiences for ceramic entrepreneurs and relevant analysis and adaptation to the need of ceramic entrepreneurs. The data focus on strengthening the knowledge of entrepreneurs in the partner regions in the field of ceramic technique and production and also concerning the possibilities to communicate their work, the economic and social opportunities offered in the sector, together with facilitations in facing the practical and business field. Information and comments about the educational possibilities in Central Europe, in particular in the countries part of the project CerDee Creative entrepreneurship in ceramic regions - developing, educating, encouraging, European program INTERREG Central Europe (from 01-05-'19 to 30-04-22), follow:

### Central Europe existing possibilities of training

The deliverables D.T3.1.1 and D.T3.1.2 and D.T3.1.3 are focused on the analysis of the existing possibilities of training for ceramic CCIs. They have been grouped together to standardize the research carried out by partners in order to find a strategy to educate entrepreneurs of ceramics.

Although there are many art and design educational institutions in Europe, there is no possibility to have an overall picture of the offerings in a detailed mapping. It is a goal important to reach to establish a clear organization of trainings, at different levels.

The education for ceramics entrepreneurs is often included in institutions that also include design and art activities. There are training schools that offers the developments of skills joined to cultural and communication teachings. There are Academies and Universities that arrange and propose specific courses about design, fashion, jewellery, applied arts, building materials. It is difficult to find specific schools devoted exclusively to ceramic training.

It is the reason why, together with universities and schools of higher education, this research includes professional institutes, private schools, institutions arranged for the purpose of temporary and specific trainings. All these institutions offer wealth to the territories in terms of occupational spin-off and specializations.

**It is the case** of Confindustria Ceramica Italy (the Italian ceramic manufacturers association):

<http://www.confindustriaceramica.it/site/en/home/services/training-and-security/ceramic-industry-training-programme.html>

A new training programme launched for the ceramic industry, highly innovative, it is expected to play a major strategic role for ceramic companies. The training courses have a university structure, they also offer a systemic approach to business development and practical examples for operating in the international market.

#### Comment

The North Italian situation (Central Europe Area)

North ITALY - MIC

<p><b>Nuova Accademia del Design Verona - Milan</b></p> <p><a href="https://www.accademiadeldesign.com/">https://www.accademiadeldesign.com/</a></p>	<p><a href="https://www.accademiadeldesign.com/green-design-school/">https://www.accademiadeldesign.com/green-design-school/</a></p> <p>This institution offers several courses both practical (research on materials and products) and organizational (marketing, communication...)</p>
<p><b>Liceo Artistico indirizzo Design - Faenza</b></p> <p><a href="http://www.liceotorricelli-ballardini.gov.it/">http://www.liceotorricelli-ballardini.gov.it/</a></p>	<p>Single course, within a secondary school proposal: high school which includes several orientations:  <a href="http://www.liceotorricelli-ballardini.gov.it/wp-content/uploads/2016/10/volantino_artistico_2017.pdf">http://www.liceotorricelli-ballardini.gov.it/wp-content/uploads/2016/10/volantino_artistico_2017.pdf</a></p> <p>This school address applies design to the search for various materials, especially ceramics.</p>
<p><b>ISIA Università - Faenza</b></p> <p><a href="https://www.isiafaenza.it/">https://www.isiafaenza.it/</a></p>	<p>Several courses of Design and Video maker:  <a href="https://www.youtube.com/watch?v=-bweP3lnT30">https://www.youtube.com/watch?v=-bweP3lnT30</a></p> <p>Example of good practice: ISIA Faenza participation <i>Buongiorno Ceramica!</i> with a video presentation of Faenza ceramic system, developed by the students of the two-year course in product design and design with advanced materials</p>

## North ITALY - MIC

<p><b>IFTS tecnico artigianato ceramico - Faenza</b></p> <p><a href="https://www.fitstic.it/">https://www.fitstic.it/</a></p>	<p>Each two-year training period is aimed at young people and adults with an upper secondary education diploma or, alternatively, a 4-year vocational diploma and IFTS qualification. 25 students will be admitted to the course after passing the selection. Two additional places are reserved for apprentices who request them. Knowledge of the English language and possession of basic computer skills and knowledge is required.</p> <p>The technological evolution of recent years has profoundly changed ceramic production processes with digital printing and 3D prototyping, a revolution linked to industrial ceramics and the world of Design. Companies need specialized Technicians able to manage the work process and the ITS path responds to these needs, adapting the contents and teachings to the demands of companies.</p> <p>This advanced training course merges theory and practice, giving students the opportunity to acquire in the classroom technical and laboratory skills in the ceramic field, and then to choose a specific sector through internship experience (400 hours per year) in order to define a specific professional perspective (in craftsmanship, design or industry). The internship can also take place abroad thanks to the Erasmus+ project.</p>
<p><b>IED Istituto europeo Design -Venezia, Milano</b></p> <p><a href="https://www.scuolaitalianadesign.com">https://www.scuolaitalianadesign.com</a></p>	<p>The course is aimed at students of university age: a fascinating and engaging interdisciplinary journey in which they are accompanied in the culture, methods and tools of contemporary designers. Between doing and knowing how to do.</p> <p>The institute proposes different courses for entrepreneurs specialization including information through <i>webinar</i></p>

## North ITALY - MIC

<p><b>Centro Ceramico Sperimentale</b>  <a href="http://www.centrocera.micosperimentale.it/en/training/">http://www.centrocera.micosperimentale.it/en/training/</a></p>	<p>The New School of Ceramics and Applied Arts is a substantial part of the Experimental Ceramics Center and was born with the aim of educating new professionals in ceramics and artisan work.</p> <p>A true school for formation, development and exploration, aiming to become a place where tradition and innovation come together, giving life and expression to the creativity and inspiration of all students through an in-depth technical and technological knowledge.</p> <p>The school, located in Montelupo Fiorentino, which is historically known as a center for its ceramic production, offers different types of courses, structured for different learning levels. Through our courses all the skills necessary to operate in the ceramic sector and in other craft sectors can be gradually acquired.</p>
<p><b>NABA Milano</b>  <a href="https://www.naba.it/it">https://www.naba.it/it</a>   <a href="https://www.naba.it/it/corsi-grafica-comunicazione">https://www.naba.it/it/corsi-grafica-comunicazione</a></p>	<p>Oriented towards innovation and evolution in technologies and descriptive techniques, this Area integrates the academic approach with the experimentation of technologies and visual languages, offering broad and cross-discipline knowledge through the different study levels of the Bachelor of Arts, Master of Arts and Academic Master programmes.</p> <p>The students have the opportunity to acquire sound knowledge that will guide them into the communication and marketing world, through the understanding of all crucial elements of graphic design as well as the development of technical, creative, and analytical skills.</p> <p>The methodology summarises the marketing and artistic-expressive approach, theoretical activities and creative labs, thus allowing the students to decipher all elements and languages of communication, as well as their contemporary cultural and imaginary contexts, to generate actual communication outcomes.</p>
<p><b>ISIA Firenze</b>  <a href="https://www.isiadesign.fi.it/index.php">https://www.isiadesign.fi.it/index.php</a></p>	<p>Specialized in Design and experimentations, also practical and laboratory in connection with the national and international productions.</p>

## North ITALY - MIC

<p><b>Accademia di Belle Arti Bologna</b></p> <p><a href="http://www.ababo.it/ABA/">http://www.ababo.it/ABA/</a></p>	<p>Many courses of specialization. Focus on Design (also ceramics) - Graduates of the course have the opportunity to carry out support activities in the different areas of design addressed to the design of the object of use both in professional studios and in small and medium-sized companies. In particular, the skills acquired meet the demand for ideational skills and expertise in the development and configuration of projects aimed at the creation of objects of use of instrumental type, complement and furniture and communication of design.</p>
<p><b>FISTIC Institute</b></p> <p><a href="https://www.fitstic.it/">https://www.fitstic.it/</a></p>	<p>Marketing and digital communication for CCI, s</p>
<p><b>University of studies for ceramic materials</b></p> <p><a href="https://corsi.unibo.it/laurea/ChimicaMateriali/">https://corsi.unibo.it/laurea/ChimicaMateriali/</a></p>	<p><a href="#"><u>First Cycle Degree/Bachelor in Chemistry and Technologies for the Environment and Materials Traditional and Innovative Materials</u></a></p> <p>The specific aim of this Degree Programme is to produce professional chemists with a good grounding in chemistry and with specific professional expertise within the chosen curriculum. Traditional and Innovative Materials Curriculum: in recent decades new materials - molecular, metallic, polymeric, <b>ceramic</b> and composites - have taken their place alongside traditional materials, and together they have a prime role in many applications.</p>
<p><b>Centro Formazione e Innovazione Veneto</b></p> <p><a href="https://www.cpv.org/corsi-di-formazione-vicenza">https://www.cpv.org/corsi-di-formazione-vicenza</a></p>	<p>Commercial, Marketing, digital support to CCI s</p>
<p><a href="https://www.itisvoltassuolo.edu.it/">https://www.itisvoltassuolo.edu.it/</a></p>	<p>MARAZZI Group and the ITIS Institute, in collaboration with the company Marazzi Group, has created, since last school year, an experience of alternation school work reinforced, on the model of the German Dual School.</p> <p>The project, which lasts two years, is characterized by a presence of students in the work environment more extensive than the ordinary one and by an interweaving between school and work more intense and closer than the current standards in terms of co-design, co-creation and co-assessment between school and company. Involves students (for a maximum of 28/30 per class) who have successfully completed the third year of the professional section of the address maintenance and technical assistance.</p>

## Content

The National Museum of Slovenia researched CCI in Slovenia in connection with the ceramic sector. They were mainly looking for existing business strategies that may be useful for young ceramists who want to start a new business in CCI (mostly handbooks and lectures on the topic of business and management). They were also looking for existing handbooks about *start-up companies* and possibilities (legal forms) exist in Slovenia to set up a small business.

The purpose of NMS research is to offer a base for a possible handbook *How to set up a business in ceramics* from a national point of view. For Slovenian market, NMS focuses on specifics in law and economy by recording all the information that a young entrepreneur needs to set up a small company in CCI.

Information available on web pages of The Chamber of Commerce and Industry of Slovenia, The Chamber of Craft and Small Business of Slovenia and similar. The Chamber of Craft and Small Business of Slovenia organizes many (also free of charge) workshops for those who wants to start a new business and on the topic of how to manage your business. These workshops are also focused on craft companies.

In Ljubljana there are some creative centres where young entrepreneurs/artist/designers etc. can apply for workshops, organize workshops for business, promote creativity and use the place as a co-working space.

Workshops and lectures are organized by Slovenian museums. They are related to ceramic design and techniques. In Slovenia most museums collect arts and craft of different materials. Most workshops and other ceramic related activities are performed in the Slovene Ethnographic Museum, a part of which a pottery studio is functioning.

## SLOVENIA - NMS

<p><b>ACADEMY OF FINE ARTS AND DESIGN</b></p> <p><a href="#">UNILJ</a> &gt; <a href="#">Academies and Faculties</a> &gt; Academies</p>	<p>The Academy of Fine Arts and Design of the University of Ljubljana focuses on teaching and researching artistic creation, design, restoration and conservation of artwork as well as theoretical knowledge in these fields. As the highest educational and artistic institution in the field of visual arts in the Republic of Slovenia, the Academy of Fine Arts and Design strives to preserve excellence in educational, artistic, research and professional development activities. It relies on European artistic, educational, scientific and general cultural tradition since antiquity, consolidating the nation's independence and boosting the visibility of Slovenia in Europe and on a wider global level.</p>
<p><b>University of Maribor Faculty of Education</b></p> <p><a href="https://pef.um.si/en/home/">https://pef.um.si/en/home/</a></p>	<p>In September 2006 the former Academy of Education (Pedagoška akademija) of the <a href="#">University of Maribor</a> was transformed into three faculties: the <a href="#">Faculty of Arts</a>, the Faculty of Natural Sciences and Mathematics and the <b>Faculty of Education</b>.</p> <p>The latter is organised into five departments: Music, Visual Arts, Pre-School (Nursery) Education, Class Teaching (first three years of elementary school when all subjects are taught by one teacher) and Sport Trainers Education (for selected sports disciplines). The faculty offers two postgraduate programmes: Education Science and an MA in Class Teaching. It also publishes reference literature and a journal dedicated to elementary learning (<i>Revija za elementarno izobraževanje</i>).</p>
<p><b>University of Ljubljana, Faculty of Education</b></p> <p><a href="https://www.pef.uni-lj.si/380.html">https://www.pef.uni-lj.si/380.html</a></p>	<p>The studies are based on pedagogy and not focused on creative industries, business etc. Students can still enrol in other Slovenian Faculties to join entrepreneurial courses. The Faculty does not offer any type of program suitable for CerDee targets - except ceramic design.</p> <p>During their undergraduate studies, students are involved in art practice and theoretical activity. They upgrade their artistic and creative work in the fields of drawing, painting, graphics and sculpture with knowledge from psychology, pedagogical methodology, educational technology, information and communication technology, sociology, philosophy, graphic design, art history and art didactics. They upgrade their knowledge with specific courses in the fields of ceramics, scenography and puppetry, architectural design, contemporary art practices and gallery and museum pedagogy.</p>



## SLOVENIA - NMS

<p><b>Faculty of Design</b></p> <p><a href="https://www.fd.si">https://www.fd.si</a></p>	<p>Independent higher education institution, associate member of the University. Irregular study, students have to pay to enrol the courses/programs. &lt;<a href="https://fd.si/?lang=en">https://fd.si/?lang=en</a>&gt;</p>
<p><b>School of Economics and Business</b></p> <p><a href="http://www.ef.uni-lj.si/en">http://www.ef.uni-lj.si/en</a></p>	<p>As the leading national institution in business and economics, the SEB LU provides education at all levels. It offers several programmes with specific courses that may be useful for future entrepreneurs (also in CCIs). All students of the Bologna system can enrol in various programmes (e.g. Entrepreneurship, Management, , Marketing, Business Economics, Money and Finance etc.) and select an individual course: Microeconomics, Introduction to Business, Entrepreneurship, Principles of Marketing, Taxes and Corporations, Business Environment etc.</p>
<p><b>Poligon Kreativni center - Poligon Creative Centre</b></p> <p><a href="https://www.poligon.si/">https://www.poligon.si/</a></p>	<p><b>Poligon Maker Lab and Photo Services</b></p> <p>A workshop with a 3D printer and other technical equipment, which enables quick prototyping and high quality product development.</p> <p><b>Crowdfunding Lab</b></p> <p>As part of Poligon’s programme, Slovenia Crowdfunding are established Crowdfunding Lab, which will continue to educate, research and support inventors as well as everyone considering this form of financing.</p> <p><b>Poligon Classroom</b></p> <p>They are preparing a set of most relevant lectures and workshops by local and international speakers from the field of creative economies and social entrepreneurship. These are essential for growth and development of the self-employed.</p>

## SLOVENIA - NMS

<p><b>Kreativna cona Šiška</b></p> <p><a href="https://www.coworker.com/slovenia/ljubljana/kreativna-cona-siska">https://www.coworker.com/slovenia/ljubljana/kreativna-cona-siska</a></p>	<p><i>Kreativna cona Šiška</i> bangs is a place where artists from the field of design, photography and art gather together, with a high degree of cooperation and openness to criticism preferring to concentrate on researching and creating.</p> <p>Offer: Working space, common space (for meetings, socializing ...), kitchen (often we eat lunch together), Fotostudio.</p> <p>Prices: 100 eur / month workspace  the whole room: 300 EUR / month</p>
<p><b>Obrtno-podjetniška zbornica Slovenije - The Chamber of Craft and Small Business of Slovenia</b></p> <p><a href="https://www.ozs.si/">https://www.ozs.si/</a></p>	<p>The Chamber of Craft and Small Business of Slovenia is an umbrella organisation comprising the craft and small business chamber system jointly with 62 regional chambers of craft and small business. The Chamber of Craft and Small Business of Slovenia and the regional chambers of craft and small business are independent legal entities managed by artisans - officials (functionaries) - on a voluntary basis.</p> <p>Tasks of sections:</p> <ul style="list-style-type: none"> <li>• Monitor the conditions of work and business of its members and perform a number of activities to improve them (quality, standardisation, introducing modern technologies etc.)</li> <li>• Propose amendments to the legislation and represent the interests of members of the section in negotiating industry-wide collective agreements</li> <li>• Promote common interests of members in bodies of the Chamber of Craft and Small Business of Slovenia and other institutions; provide for regular and supplementary professional training of its members, joint promotional activities and respect for good business customs and promote rational use of energy and protection of the environment.</li> </ul>

## SLOVENIA - NMS

<p><b>Regionalni center kreativne ekonomije - The Regional Centre of Creative Economy (RCKE)</b></p> <p><a href="https://www.rcke.si/">https://www.rcke.si/</a></p>	<p>With its vision of operation, the Regional Centre of Creative Economy (RCKE) actively contributes to the introduction of creativity in the public and private sectors.</p> <p>With training courses, workshops, consultations and other events, it motivates creatives, entrepreneurs, decision-makers and policy-makers, education and research institutions as well as non-government organizations, training them for their more effective and efficient (co)operation, thereby promoting the development of a creative, innovative and (internationally) competitive environment.</p>
<p><b>Karijerne delavnice</b></p> <p><a href="https://www.cenestupar.si/sl/tecaji-in-delavnice/karijerne">https://www.cenestupar.si/sl/tecaji-in-delavnice/karijerne</a></p>	<p>The centre cooperates with The Ministry of Education, Science and Sport, Slovenian Institute for Adult Education, the Ministry of Labour, Family, Social Affairs and Equal Opportunities, the Institute of the Republic of Slovenia for Vocational education and Training, the Ministry of the Internal Affairs, the National Employment Agency and many others. The centre carries out different programmes financed by the European Social Fund, the European Fund for the Integration of third-world nations as well as the European Refugee Fund.</p> <p>They offer a wide selection of courses and workshops for all generations. Many of these are free and take place every month. Their workshops can increase employment opportunities or diversify your everyday life and at the same time learn new skills.</p>
<p><b>Razvojni center - Entrepreneurship Education Program</b></p> <p><a href="https://www.rc-nm.si/izobrazevanja/">https://www.rc-nm.si/izobrazevanja/</a></p>	<p>They offers various Labs for entrepreneurship (e.g.): <i>Business Incubator Podbreznik</i> (BIP) is a place for new innovative companies. In an orderly business environment with modern infrastructure and a wider range of consulting and mentoring services.; <i>EDUCATION FOR YOUNG PEOPLE</i> (Youth education is intended for pupils, students, potential entrepreneurs, beginner entrepreneurs, start-up companies and other youth groups in the region of South-East Slovenia. The primary purpose of education for young people is to raise entrepreneurial awareness and stimulate an entrepreneurial mind-set, job creation.)</p> <p>In the framework of education of entrepreneurs, they are preparing a call for co-financing of professional and computer courses, seminars with current topics in the field of entrepreneurship, summer school of entrepreneurship, different courses and events in programs conducted in cooperation with schools at faculties.</p>

## SLOVENIA - NMS

<p><b>Podjetniški portal</b> (Javna agencija SPIRIT Slovenija)</p> <p><a href="https://www.podjetniski-portal.si/">https://www.podjetniski-portal.si/</a></p>	<p>Free of charge, the agency prepares and provides practical information and advice on various business opportunities in Slovenia such as specific investment locations, Slovenian suppliers, individual industries, and markets. The agency is entrusted with the regulatory, expert and development tasks serving to increase competitiveness of Slovenia's economy in the area of entrepreneurship, internationalization, foreign investment, and technology.</p> <p>A big part of the agency's work is helping Slovenian SMEs to increase their competitiveness and accelerate their technological development. SMEs can attend numerous educational courses free of charge and can apply for vouchers to attend international trade fairs of their choice.</p> <p>SPIRIT Slovenia is also keen to help ambitious young entrepreneurs, encouraging them to start a business and giving them all the necessary information in that regard.</p>
<p><b>Portal Mladi podjetnik - Young Entrepreneur Institute</b></p> <p><a href="https://mladipodjetnik.si/">https://mladipodjetnik.si/</a></p>	<p><i>Young Entrepreneur Institute</i>, so.p. is an entry point into the world of entrepreneurship. They help to develop a business idea, find a suitable form of business, check the cost aspect and taxes, if necessary, take care of a virtual office or co-working for work. Once established, they educate about online marketing, and the legal department arranges the legal part and trademark registration.</p> <p>The services are chargeable.</p>
<p><b>Center za kreativnost - The Centre for Creativity</b></p> <p><a href="https://czk.si/">https://czk.si/</a></p>	<p>The Centre for Creativity is the first national development and entrepreneurship promoter for creatives and cultural figures. Together with the tenders of the Ministry of Culture, it forms a supportive environment for the development of the creative sector in Slovenia. Through their programs, they strengthen the social and economic value of the sector and connect it more actively with the economy and other sectors. The investment is co-financed by the European Union from the European Regional Development Fund and the Republic of Slovenia.</p> <p>They develop activities that arise at the intersections of various creative fields, arts, experiments, entrepreneurship and economy. They encourage interdisciplinary cooperation and the development of projects that are commercially viable, increase benefit and contribute to social progress and prosperity.</p>

## AUSTRIA - NDU

<p><b>“College for ceramics and kiln construction” at Fachschule Stoob</b></p> <p><a href="https://keramikschule.at/">https://keramikschule.at/</a></p>	<p>Diploma. The 4-year technical college for ceramics and kiln construction teaches the techniques and handicraft skills of ceramics or kiln construction and plate and tile laying. The training was put on an equal level with art academies and art colleges. [according to VO of the BMBWK. 1994]</p> <p>They also offer an advanced course for furnace construction technology (2 years).</p> <p>We are in regular exchange with the Fachschule Stoob, who are planning to reform their educational program in the course of the next months.</p>
<p><b>„Keramik Art Craft“ and „Keramische Formgebung“ at Ortweinschule (Graz)</b></p> <p><a href="https://www.ortweinschule.at/">https://www.ortweinschule.at/</a></p>	<p>The Ortweinschule in Graz offers education on secondary and tertiary level. One 5-year school, called „Keramik Art Craft“ with a diploma and a higher education entrance qualification at the end (age 14+). And one 2-year advanced course, called „Keramische Formgebung“, also with a diploma, but with a more artistic and socio-cultural approach (age 18+).</p>
<p><b>Sculptural Conceptions / Ceramics (Linz)</b></p> <p><a href="https://www.ufg.at/">https://www.ufg.at/</a></p>	<p>The University of Art and Design Linz offers one bachelor and one master program in the field of ceramics and design. The 6-semester project-oriented bachelor programme Sculptural Conceptions / Ceramics enables students to unearth this treasure of the material basis for artistic projects.</p> <p><a href="https://www.ufg.at/Bachelorstudium.1630+M52087573ab0.0.html">https://www.ufg.at/Bachelorstudium.1630+M52087573ab0.0.html</a></p> <p>The master programme Sculptural Conceptions / Ceramics sees graduates of the bachelor programme of the same name continue their artistic development with changed objectives. But the master programme also offers holders of a bachelor or diploma degree from another academy or university in the field of visual arts the chance to set a new thematic priority in the field of sculptural-spatial work with ceramics and other materials.</p> <p><a href="https://www.ufg.at/Masterstudium.1642+M52087573ab0.0.html">https://www.ufg.at/Masterstudium.1642+M52087573ab0.0.html</a></p>

## AUSTRIA - NDU

<p><b>Manual &amp; Material Culture</b></p> <p>(New Design University, St.Pölten)</p> <p><a href="https://www.ndu.ac.at/en/">https://www.ndu.ac.at/en/</a></p>	<p>This university program combines design and craft in a unique, extraordinary course of studies: it unites manual trade and product design in an innovative, forward-looking way with a business-oriented outlook. It is a study program, which is not only open to students with higher education entrance qualification, but also, and in particular for former apprentices as well. The core of the curriculum is the »Craft Studio«, in which you can explore the latest developments in design and use of a wide range of different materials in hands-on project work, while discussing design in a broad socio-cultural and sustainable context.</p>
<p><b>Design &amp; Product Management (Kuchl / Salzburg)</b></p> <p><a href="https://www.fh-salzburg.ac.at/en/">https://www.fh-salzburg.ac.at/en/</a></p>	<p>This programs at Salzburg University of Applied Sciences offer a methodical, scientific, and practical course in areas such as Design Management, Business Modelling, or Design Testing. Based on design theory, model building and market research, students can further develop their individual skills in one of the following circular design focus areas: furniture design, interior design or industrial design.</p> <p><a href="https://www.fh-salzburg.ac.at/en/study/design-media-and-arts/design-product-management-bachelor">https://www.fh-salzburg.ac.at/en/study/design-media-and-arts/design-product-management-bachelor</a></p> <p><a href="https://www.fh-salzburg.ac.at/en/study/design-media-and-arts/design-product-management-master">https://www.fh-salzburg.ac.at/en/study/design-media-and-arts/design-product-management-master</a></p>
<p><b>Landesberufsschule Steiermark (Graz)</b></p> <p><a href="https://www.verwaltung.steiermark.at">https://www.verwaltung.steiermark.at</a></p>	<p>In terms of dual education, the Landesberufsschule Graz is the only one offering ceramic education in three different ways (structural ceramics, pottery and industrial ceramics). The apprentices spend most time of their 3 years of education in a manufactory, learning the craft, while attending school in Graz for theoretical and basic education.</p>

### Content

#### D.T3.1.1

##### **Potter guilds**

The aim and task of the potter's guilds is it to represent the interests of their members and to act as a community of ceramists from various fields. It is their task to regulate and supervise the educational training of apprentices in accordance with the regulations of the Chamber of Crafts and Trades. They examine the trainees after their apprentice and shall support any ceramists with further educational offers to increase the economic efficiency. They work on the improvement of work conditions, guiding the members regarding the procurement of public supplies and services, and support the craftsmanship's press and media work.

Each German state has its own potter's guild. Besides some general information about ceramic markets and nationwide activities (Day of the open ceramics workshop) each guild offers different information on their websites. In general, they are a platform to exchange information about official laws and regulations, further education offers, job offers or requests and workshop equipment offers and requests. They all list their members and link their own websites. None of the guilds in the project regions offer additional education for ceramicists. In case one of the members offers any courses, it might be, that this information is published on the websites of the guilds. There is no general offer for any further education through the guilds.

##### **Chamber of Commerce, Chamber of Crafts**

The German Chamber of Commerce is a network of 79 regional chambers, the German Chamber of Crafts of 53 regional chambers. According to the crafts law, the profession of a ceramist does not belong to the professions requiring approval. That is why, there is no compulsory membership for ceramists in the chamber of commerce and the chamber of crafts, and therefore no profession related support is provided by one of them. Nonetheless, the general information service can be used too by non-members. Both chambers offer broad consulting services, mostly related to any economic issues (taxes, laws and regulations), they provide free information how to set up a business model and business plan including financial planning's. Besides, they mediate contact persons for support, financing and funding opportunities, etc.

The Academy of Design Munich as part of the Chamber of Crafts offers further educational courses of usually two weeks or during several weekends. Sometimes the topic of such a course is ceramics (different techniques, new ceramic materials). These courses are open for everybody and have to be paid by each participant.

##### **Others**

There are several other institutions/associations (Initiative CCIs of the German Government, creative business associations of the federal states of Germany, economic development manager in different counties), which support the creative industries supporting the scene by providing a platform for information about educational offers related to any business topics but not related to any specific working fields such as ceramics, or by providing the relevant legal requirements. The offers range from free consultings and network activities to finding suitable funding opportunities. Main focus is the economic empowering of small and medium sized companies. Some provide business plans especially for CCIs (Network of creatives in Bavaria), other mediate contacts within the creative scene in case a certain ability is looked for a job.

#### D.T3.1.2

## GERMANY - Porzellanikon

At German universities ceramics is taught in the cultural sector in two fields of study: art, and design. Nearly at all universities, which offer an education in (fine) arts ceramics is one of many materials the students can choose off to get to know it a bit better. In almost all cases ceramics is not mentioned at all in the curriculum or named explicit. Only the mention of an education in material sciences and the existence of a ceramic workshop, or any student project dealing with ceramic or porcelain at the universities indicate, that ceramics can be chosen as a material of further study and work, in case a student is interested in it. Besides, it is up to the students to choose a material for their term projects or BA and MA thesis. In case someone chose ceramics/porcelain a tutor or the workshop leader offers some support to get familiar with the material and the techniques. In some cases, the acquisition and testing of the necessary technical knowledge and craft skills is taught in workshop courses and internships. In general terms this has to be done in a self-study. At some universities ceramics is mentioned in connection to the sculpture course of studies. There it is often used as a “supporting” material to test ideas and first designs, or ceramic is used as mould making material.

Few universities (Muthesius University of Art Kiel, University Koblenz), offer within the course of studies of fine arts the field of studies Free Art and Ceramics respectively Free Art in Ceramics/Glass. Both have a ceramic workshop. The aim is that the students after they have finished their studies are able to make a well-founded and relevant contribution to contemporary art with the chosen means of expression in ceramics. Different construction techniques, working with plaster moulds, various surface treatments as well as glazes and engobes can be used. The students learn during their studies modern and traditional techniques to realise own artistic ideas.

At weißensee kunsthochschule berlin ceramics is one of the materials the students within their course of studies in Product Design can chose from. There is a ceramic workshop at the university located, where with ceramic and porcelain can be worked. There is at least one ceramic project carried out per term, in some cases the topic includes the material glass as well.

At the University of Coburg Ceramics is mentioned as material in the curriculum of the course of studies of Integrated Product Design, nonetheless ceramics is no material for other projects. There is a plaster workshop at the university, where models are made of plaster or clay as well as moulds for casting parts made of other materials. Ceramics can be processed, but in general it is just a support material.

Ceramic and porcelain are named as materials which are studied during the course of studies of Product and Object Design at the University Niederrhein. Besides, the design of objects made of ceramics and porcelain is part of the curriculum. After the basic studies within the first two terms during each of the other terms one design projects has to be worked on. It is up to each student to choose a material. Within the course of studies of design, the students can choose a field of specialisation among which ceramic design and porcelain design are two choices. At the university a ceramic as well as a porcelain workshop is located so all techniques and methods producing ceramic and porcelain can be used.

At the State Academy of Fine Arts Stuttgart after basic studies material sciences are part of the curriculum in the field of studies of Industrial Design. After the Vordiplom students can choose between different materials. Ceramic and porcelain are two options among others.

A plaster and porcelain workshop is located at the University of Arts Berlin. Besides, a so called Fablab is equipped with several 3D printers, one of which can be used for ceramic materials. Within the curse of studies of Design and Product Design there is usually at least one term project per year dealing with ceramics or porcelain. The workshop is used in first place to make models and prototypes for any design studies. Main focus is not the ceramic education but the production of first visualisations using slip casting of porcelain, for objects which are not meant to be made of ceramics/porcelain in the end. Besides the workshop is used by students of the Fine Arts within the field of studies of sculpture.

The only university in Germany which offers an own field of studies dedicated to ceramics is Burg Giebichenstein University of Art and Design Halle. For both the BA and the MA it is possible



## GERMANY - Porzellanikon

to choose within the course of studies of Product Design the field of studies of Ceramic and Glass Design (BA) or of Porcelain, Ceramic and Glass Design (MA). A workshop with all necessary equipment is available to test and learn all different kinds of material related techniques and methods.

### Summary

There are no existing training concepts online - neither for entrepreneurs, nor for students. For entrepreneurs in first place educational offers regarding the start-up of a business and information about any laws and regulations, which have to be taken into account, are offered. The universities only provide some general information about their curriculums. It is up to the teachers and professors which information they include into their educational plans, besides the overall given structures from the universities. The exact content of the courses is determined by the teachers, and therefore it seems depend on the own personal interests of the teachers/professors. Besides any material studies, the information taught when it comes to ceramics depends on the plans/subjects the students chose for their term projects, BA, or MA thesis. The educational supervision is orientated on the specific needs of a student, so it is impossible to provide any exact information about a curriculum.

**KHB - weißensee  
kunsthochschule berlin**

BA/MA Product Design

BA: eight terms inclusive internships and bachelor thesis

Condition for admission: pre-study internship

Modularised studies with Credit Points (ECTS): one Credit Point = 30 h work, 30 CP per Semester, BA with at least 240 CP

Terms 1 and 2: basics

Semester 3: design work (methods, interdisciplinary approach - workshops, excursions, collaborations)

Semester 4 to 8: one project per semester (different forms of work, product categories and professional fields in design)

Entwurfsprojekt I, II und III, BA-proposal, BA thesis, BA colloquium: B. Schmidt

I: application of the acquired design principles and methods to solve a design task, given subject area with specialisation: research, first design, development of alternative concepts, test of a prototype, evaluation

II: development of own instruments to solve design tasks, given subject area with specialisation: research, first precise design task, development of alternative concepts, test of a prototype, evaluation

III: professionalising of own instruments to solve design tasks, given subject area with specialisation: research, first precise

## GERMANY - Porzellanikon

design task, development of alternative concepts, test of a prototype, evaluation

BA proposal: preparation of BA thesis

BA thesis: development of a design of a self-defined design issue

BA colloquium: discussion of progress of the thesis

Subject specified basics I incl. introduction in different materials

Subject specified basics II: basics of materials sciences, manufacturing processes

MA: two terms in case of 8 semester BA (or three to four semester with BA with less than 8 terms) inclusive MA thesis

Modularised studies with Credit Points (ECTS): one Credit Point = 30 h work, 30 CP per Semester, BA with at least 60 CP within 2 terms (90 to 120 CP for three or four terms)

Module design and concept

Module theory and history

Module documentation and presentation

Ceramic Workshop at KHB

Possible works: working with clay and porcelain, plaster turning and plaster mould making, ceramic screen printing

Equipment: two electric pottery wheels, clay slab sheeting machines, plaster model turntables (electric), glaze spraying equipment, three electric kilns 60 x 80 x 100 cm (max. firing temperature 1280°C) preparation machine for working clay (clay grinder)

Realised student projects since 2011:

Summer semester 2011: Raku Workshop (not related to a certain BA/MA)

Winter semester 2011/2012: Raku Workshop (not related to a certain BA/MA)

Summer semester 2013: Raku Workshop (not related to a certain BA/MA)

Winter semester 2014/2015: Consistencies, BA/MA Product Design, BA/MA Textil- and Area design (Ceramic/porcelain dishes as exhibition area to display food of different consistencies - ceramics were only indirectly part of the project)

## GERMANY - Porzellanikon

	<p>Winter semester 2013/2014: TexTiles BA/MA Product Design, BA of Henriette Ackermann, Design of tiles looking like a macro knitting landscape</p> <p>Winter semester 2018/2019: table talks, BA/MA Product Design, Question/Task: how trigger, support and influence objects made of glass, porcelain, ceramic the communication at the table. Results of the project were functional objects, material experiments and installations, which were orchestrated in two historic rooms at Schloss Pilnitz to communicate with each other, the room and the visitors.</p> <p>Winter semester 2019/2020: material matters, BA/MA Product Design: Task: development of different modules made of glass and ceramics, which define a room, connect rooms, which can be a membrane or a filter between neighbouring rooms or between the inside and the outside.</p>
<p><b>Hochschule Coburg</b></p>	<p>BA/MA Integrated Product Design</p> <p>BA: seven terms inclusive internship and bachelor thesis</p> <p>Condition for admission: qualification test</p> <p>Terms 1 and 2: basics (incl. material sciences - Keramik ist mit drin)</p> <p>Semester 3 and 4 preparation of internship semester (methods, approach, CAD, business administration)</p> <p>Semester 5: Internship</p> <p>Semester 6: design and construction, marketing, CAD</p> <p>Semester 7: Design and construction, project work, technical mechanics, bachelor thesis,</p> <p>MA Design (integrated design processes or interior architecture &amp; architectural design): three terms</p> <p>Semester 1: practical semester in cooperation with a partner from culture or economy sector</p> <p>Semester 2: focus project - own topic to research</p> <p>Semester 3: Master thesis</p> <p>Plaster Workshop at Design Campus Coburg</p> <p>Possible works: produce models made of plaster or clay, as well as moulds for casting parts made of other materials, ceramics can be processed</p>

## GERMANY - Porzellanikon

### Hochschule Niederrhein

Faculty of Design -  
designkrefeld

BA Product and object design (product design: consumer goods; furniture and luminaire design; equipment design; ceramics, glass, and porcelain design): seven terms inclusive internship

MA Design

BA Product and object design

Semester 1: basics (methods, CAD)

Semester 2: basics (CAD, model making, design theory, 3D design theory)

Semester 3: Methods, CAD, first design project, manufacturing processes, compulsory optional subject among others: Porcelain design, Ceramics Design

Semester 4: second design project, manufacturing processes, compulsory optional subject among others: Porcelain design, Ceramics Design

Semester 5: internship

Semester 6: third design project, compulsory optional subject among others: Porcelain design, Ceramics Design

Semester 7: Design presentation, bachelor thesis

BA Design

Semester 1: basics (presentation, media tools, design theory)

Semester 2: basics (media tools, design theory,

Semester 3: design process, first design project - porcelain design, ceramic design possible topics among others

Semester 4: second design project - porcelain design, ceramic design possible topics among others

Semester 5: internship

Semester 6: third design project - porcelain design, ceramic design possible topics among others

Semester 7: bachelor thesis

MA Design

Three semester

Semester 1: reflexion (individual specialisation, selection of a field of specialisation among others: porcelain design, ceramic design; design development, human studies, design thinking)

## GERMANY - Porzellanikon

	<p>Semester 2: professionalising (making - design and project management, business start-up, design strategies, future research topics)</p> <p>Semester 3: Master thesis, communication and presentation</p> <p>Ceramic Workshop at designkrefeld</p> <p>Possible works: free forming with forms and stencils, turning on the potters' wheel</p> <p>Equipment: potter wheels partly with devices for turning in and out, toggle press, plate roller, ceramic kilns</p> <p>Porcelain Workshop at designkrefeld (inclusive glazing laboratories)</p> <p>Possible works: production of prototypes in porcelain, slip casting, turning with stencils, mould making (model making workshop), oxidised firing of soft porcelain, slip casting of earthenware and stoneware, colouring of masses, glaze making,</p> <p>Equipment: kilns (up to 1300 °C)</p>
<p><b>Kunsthochschule Kassel</b></p>	<p>Diplom product design, nine terms (four terms Vordiplom, five terms Diplom)</p> <p>Ceramics as a material is neither part of the mandatory nor the optional materials within the curriculum</p> <p>Study Workshop Ceramics (workshop is open to all students)</p> <p>Practical information on the handicraft study subjects of vessel and structural ceramics, ceramic sculpture and glaze technology, teaching of principles in the ceramic design to the principles of industrial ceramics</p>
<p><b>Staatliche Akademie der Bildenden Künste Stuttgart</b></p> <p>Stuttgart Keramikwerkstatt - Industrial design (wie Kassel, selber Werkstattleiter)</p>	<p>Diplom Fine Arts, ten terms (Vordiplom after four terms), 300 ECTS points</p> <p>After basic studies students are assigned to one of the special units, to which ceramics belongs too.</p> <p>Diplom Industrial Design, nine Semester (Vordiplom after four terms),</p> <p>After basic studies (Introduction into design, CAD), material sciences are part of the curriculum. After the Vordiplom students can choose between different materials. Ceramics and porcelain is two options among others.-</p>
<p><b>Muthesius Kunsthochschule Kiel</b></p>	<p>BA Industrial Design</p>

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	<p>BA Art: After the students have attend the basic classes they can choose between different fields of study. On is free art and ceramics.</p> <p>Ceramic Worskhop</p> <p>Possible works: Development of concepts and designs, mould construction</p> <p>Equipment: counter flow mixer, vacuum extruder, pan grinder, laboratory for glazes, electric and gas furnaces, wood fired kiln.</p>
<p><b>Hochschule Koblenz</b></p>	<p>BA Fine Arts Freie Kunst Keramik/Glas, six terms</p> <p>The aim is to make a well-founded and relevant contribution to contemporary art with the chosen means of expression in ceramics. Students shall test own ideas of modern and traditional techniques to learn to realise own artistic ideas.</p> <p>MA Fine Arts in Keramik/Glas</p> <p>Ceramic workshop</p> <p>Possible works: all handicraft techniques, different firing methods</p> <p>Equipment: library of glazes, electric kiln, gas kiln, raku firing, Anagama kiln, fast-fire kiln, historic Westerwald Kannofen, all kind of ceramic masses.</p>
<p><b>Burg Giebichenstein Kunsthochschule Halle</b>  (University of Art and Design)</p>	<p>Diplom Sculpture, ten terms (Vordiplom after four terms)</p> <p>Field of study among others is ceramic.</p> <p>BA Product design/ceramic and glass design, eight terms</p> <p>MA Product design and design of porcelain, ceramics and glass (two to four terms)</p>
<p><b>UdK Berlin</b></p>	<p>BA Design (eight terms)</p> <p>MA Design (two terms)</p> <p>BA Product design (eight terms)</p> <p>Plaster and porcelain workshop, and Fablab (different 3D-printers also one for ceramic materials)</p> <p>PP-Workshop belongs to model and prototype making workshop of the design studies. Main focus is the production of models as first visualisation and prototypes using slip casting of porcelain.</p> <p>Usually there is one semester project (product design) dealing with ceramics (porcelain) per year.</p>

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	<p>Fine Arts</p> <p>Clay Workshop, Workshop moulding and casting (both belong to the field of studies sculpture)</p>
<b>Folkwang Universität der Künste</b>	<p>BA Industrial Design (six terms, 180 ECTS credit points)</p> <p>MA Industrial Design (four terms, 120 ECTS credit points)</p> <p>Ceramic workshop (no further information available)</p>
<b>Braunschweig University of Art</b>	<p>Ceramic workshop</p> <p>Possible works: modelling, moulding, building, slip casting (clay), glazing, diverse kilns available.</p>
<b>Hochschule für bildende Künste Hamburg</b>	<p>BA Design</p> <p>MA Design</p> <p>BA Fine Arts (Teaching profession)</p> <p>MA Fine Arts (Teaching profession)</p> <p>Ceramic workshop</p> <p>Possible works: design of ceramics and porcelain, free forming, slip casting, turning, mould making, development of glazes, divers printing methods, divers kilns available.</p>
<b>University of Art and Design Offenbach am Main</b>	<p>Diplom Design, School of Art</p> <p>No ceramic workshop but a ceramic workshop with Aalto Univeristy and Maarit Mäkelä (project of Institute of materials design)</p>
<b>Akademie der Bildenden Künste München</b>	<p>Fine Arts, Field of study: Sculptor - Ceramic and Glass</p> <p>Ceramic workshop (no further information)</p>
<b>Hochschule für Bildende Künster Dresden</b>	<p>Diplom Fine Arts, ten terms</p> <p>Compulsory optional subject: ceramics among others</p> <p>Ceramic workshop: Various ceramic forming and colouring processes are taught. References to contemporary artistic works will also be established and the connection between the specific properties of clay and artistic forms of expression will be understood. Different construction techniques, working with plaster moulds, various surface treatments as well as glazes and engobes can be used.</p>
<b>HBKsaar</b>	<p>BA Product Design, eight terms</p>

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	<p>Diplom or MA Product Design, six terms</p> <p>Ceramics is mentioned in the study regulations. Besides, there are some ceramic courses mentioned which take place in the ceramic workshop, nonetheless, a ceramic workshop is not listed with the other workshops.</p>
<p><b>Kunstakademie Münster - Hochschule für bildende Künste</b></p>	<p>Akademiebrief Fine Arts, ten terms (no BA or MA possible)</p> <p>Ceramic workshop: sculpturing techniques (mould making, slip casting, building techniques, gazing, firing techniques)</p> <p>There are no study regulations and plans available.</p>
<p><b>Staatliche Hochschule für Gestaltung Karlsruhe</b></p> <p><a href="https://www.studis-online.de/Hochschulen/Kunst/staatlich/">https://www.studis-online.de/Hochschulen/Kunst/staatlich/</a></p>	<p>Product Design</p> <p>Although there are some student projects dealing with ceramics/porcelain, there seems to be no ceramics workshop at the university.</p> <p>There are no study regulations and plans available.</p>
<p><b>Bayernkreativ</b></p> <p><a href="https://bayernkreativ.de/">https://bayernkreativ.de/</a></p>	<p>Offers free consulting and networking for CCIs. Main focus is the economic empowering</p> <p>Support to find suitable funding opportunities</p> <p>Business workshops especially for the CCIs</p>
<p><b>Muthesius University of Art Kiel</b></p> <p><a href="https://en.muthesius-kunsthochschule.de/">https://en.muthesius-kunsthochschule.de/</a></p>	<p>Offer within the course of studies of fine arts the field of studies Free Art and Ceramics respectively Free Art in Ceramics/Glass. Both have a ceramic workshop.</p>
<p><b>University Koblenz</b></p>	<p>Offer within the course of studies of fine arts the field of studies Free Art and Ceramics respectively Free Art in Ceramics/Glass. Both have a ceramic workshop.</p>



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<a href="https://www.uni-koblenz-landau.de/en">https://www.uni-koblenz-landau.de/en</a>	
<p><b>Weißensee Kunsthochschule Berlin</b></p> <p><a href="https://www.kh-berlin.de/">https://www.kh-berlin.de/</a></p>	<p>At Weißensee Kunsthochschule Berlin ceramics is one of the materials the students within their course of studies in Product Design can choose from. There is a ceramic workshop at the university located, where with ceramic and porcelain can be worked. There is at least one ceramic project carried out per term, in some cases the topic includes the material glass as well.</p>
<p><b>University of Coburg</b></p> <p><a href="https://www.coburg-university.de/">https://www.coburg-university.de/</a></p>	<p>Ceramics is mentioned as material in the curriculum of the course of studies of Integrated Product Design, nonetheless ceramics is not material for other projects. There is a plaster workshop at the university, where models are made of plaster or clay as well as moulds for casting parts made of other materials.</p>
<p><b>University of Niederrhein</b></p> <p><a href="https://www.hs-niederrhein.de/about-us/welcome/">https://www.hs-niederrhein.de/about-us/welcome/</a></p>	<p>Ceramic and porcelain are studied during the course of Product and Object Design. Besides, the design of objects made of ceramics and porcelain is part of the curriculum. Within the course of studies of design, the students can choose a field of specialisation among which ceramic design. At the university a ceramic workshop is located so all techniques and methods producing ceramic can be used.</p>
<p><b>State Academy of Fine Arts Stuttgart</b></p> <p><a href="https://www.abk-stuttgart.de/en/index.html">https://www.abk-stuttgart.de/en/index.html</a></p>	<p>Studies of Industrial Design. Students can choose between different materials: ceramics is an option.</p> <p>A plaster and porcelain workshop is located at the University of Arts Berlin. Besides, a so-called Fablab is equipped with several 3D printers, one of which can be used for ceramic materials. Within the course of studies of Design and Product Design there is usually at least one term project per year dealing with ceramics or porcelain. The workshop is used in first place to make models and prototypes for any design studies. Main focus is not the ceramic education but the production of first visualisations using slip casting of porcelain, for objects which are not meant to be made of ceramics/porcelain in the end. Besides the workshop is used by students of the Fine Arts within the field of studies of sculpture.</p>
<p><b>Burg Giebichenstein University of Art and Design Halle</b></p>	<p>The only university in Germany which offers an own field of studies dedicated to ceramics is Burg Giebichenstein University of Art and Design Halle. For both the BA and the MA it is possible to choose within the course of studies of Product Design the field of studies of Ceramic and Glass Design (BA) or of Porcelain, Ceramic and Glass Design (MA). A workshop with all</p>

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<https://www.burg-halle.de/en/>

necessary equipment is available to test and learn all different kinds of material related techniques and methods.

## CZECH REPUBLIC

Schools	course
Secondary education	
<p><b>AVE ART Ostrava</b> Higher vocational school, secondary art school and basic art school</p> <p><a href="https://ssus.aveart.cz/">https://ssus.aveart.cz/</a></p>	<p>The school provides primary, secondary and further levels of art education. The secondary school has six fields of study: Interior Designer, Graphic Design, Utility Product Design, Industrial Design, Artistic Blacksmithing, Motion Design.</p> <p><b>Study programmes connected with CerDee:</b></p> <ul style="list-style-type: none"> <li>• Art processing of ceramics and porcelain - Design of utility products (A-level)</li> <li>• Ceramic creation in practice (retraining)</li> </ul> <p><b>Other activities connected with CerDee:</b></p> <p>Retraining programmes</p>
<p><b>Craft secondary school, Jaromer</b></p> <p><a href="http://www.ssrjaromer.cz">www.ssrjaromer.cz</a></p>	<p>The school offers for students artistic disciplines, especially as an artistic blacksmith and locksmith, potter and ceramic.</p> <p><b>Study programmes connected with CerDee:</b></p> <ul style="list-style-type: none"> <li>- Artist of ceramics (apprentice)</li> </ul>
<p><b>Educational establishment of building industries, Pilsen/Horní Briza</b></p> <p><a href="http://www.souplzen.cz">www.souplzen.cz</a></p>	<p>Secondary school was established in 1949 as a vocational school of the West Bohemian Ceramics Establishments. Students produce decorative and garden pottery, pottery circles etc.</p> <p><b>Study programmes connected with CerDee:</b></p> <ul style="list-style-type: none"> <li>• Producer and decorator of ceramics (apprentice)</li> <li>• Ceramic product (apprentice)</li> <li>• Stone and ceramic processing (A-level)</li> <li>• Art processing of ceramics (A-level)</li> <li>• Glass and ceramic industry (A-level)</li> </ul> <p>Ceramic industry (A-level)</p>
<p><b>Higher Vocational School, Grammar School and Secondary Vocational School of Applied Arts, Svetla nad Sazavou</b></p> <p><a href="http://www.vossvetla.cz">www.vossvetla.cz</a></p>	<p>School offers arts and crafts education in the field of glass, stone and ceramics. Students are able to apply their creative ideas to porcelain or ceramics, learn the basics of art and crafts and have a lot of information about porcelain and ceramics in our country and abroad.</p> <p><b>Study programmes connected with CerDee:</b></p> <ul style="list-style-type: none"> <li>• Artist of ceramics (apprentice)</li> <li>• Arts and crafts processing of stone and ceramics (A-level)</li> </ul>

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<p><b>Masaryk secondary school, Letovice</b></p> <p><a href="https://www.stredni-skola.cz/">https://www.stredni-skola.cz/</a></p>	<p>After study students can open their own ceramic studio and create their own products, organize exhibitions, they have the opportunity to work as art designers, in arts and crafts and ceramic workshops, as art technical workers, or as managers or heads of ceramics operations.</p> <p><b>Study programmes connected with CerDee:</b></p> <ul style="list-style-type: none"> <li>- Artist of ceramics (apprentice)</li> <li>- Art processing of ceramics and porcelain (A-level)</li> </ul>
<p><b>Secondary School in Luhacovice</b></p> <p><a href="https://www.sosluhac.cz/">https://www.sosluhac.cz/</a></p>	<p>Theoretical and practical teaching at top specialized workplaces and in selected companies and organizations or at the best hotels and spa houses in Luhačovice.</p> <p><b>Study programmes connected with CerDee:</b></p> <ul style="list-style-type: none"> <li>- Stone and ceramic processing - Ceramic design and producing (A-level)</li> </ul>
<p><b>Secondary School of applied arts in Bechyne</b></p> <p><a href="http://www.supsbechyne.cz">www.supsbechyne.cz</a></p>	<p>The school continues the tradition of the vocational school of ceramics, which was founded here in 1884 as the first Czech ceramic school in Austria-Hungary to educate stoves, potters and painters of ceramics. The school's partners are companies LAUFEN CZ s.r.o. and LASSELSBERGER s. r. o. (manufacturers of bathroom products).</p> <p><b>Study programmes connected with CerDee:</b></p> <ul style="list-style-type: none"> <li>- Design of ceramics (A-level)</li> <li>- Industrial design (A-level)</li> <li>- Ceramic technology (applied, no bachelor)</li> </ul> <p><b>Other activities connected with CerDee:</b></p> <ul style="list-style-type: none"> <li>- competition in spinning on a potter's wheel</li> <li>- cooperation with the organization International Symposium of Ceramics and with the Bechyně branch of the Aleš South Bohemian Gallery</li> <li>- summer art courses/workshops for the public (ceramics, graphics, painting, drawing, computer graphics and textile techniques)</li> </ul>
<p><b>Secondary school of Art, Ostrava</b></p> <p><a href="https://sus-ostrava.cz/keramika/">https://sus-ostrava.cz/keramika/</a></p>	<p>Traditional techniques with new design technologies, 3D visualisation. Since 2012, school designs jewellery from ceramics and porcelain.</p> <p><b>Study programmes connected with CerDee:</b></p> <ul style="list-style-type: none"> <li>- Art processing of ceramics and porcelain (A-level)</li> </ul>

## CZECH REPUBLIC

<p><b>Secondary school of Art, Ostrava</b></p> <p><a href="https://sus-ostrava.cz/keramika/">https://sus-ostrava.cz/keramika/</a></p>	<p>Traditional techniques with new design technologies, 3D visualisation. Since 2012, school designs jewellery from ceramics and porcelain.</p> <p><b>Study programmes connected with CerDee:</b></p> <ul style="list-style-type: none"> <li>- Art processing of ceramics and porcelain (A-level)</li> </ul>
<p><b>Secondary School of arts and crafts Prague</b></p> <p><a href="https://www.umeleckoremeslna.cz/">https://www.umeleckoremeslna.cz/</a></p>	<p>Secondary school with long history (established in 1935)</p> <p><b>Study programmes connected with CerDee:</b></p> <ul style="list-style-type: none"> <li>• Artist of ceramics (apprentice)</li> <li>• Artistic crafts (A-level)</li> <li>• Artist of ceramics (retraining, apprentice)</li> </ul> <p><b>Other activities connected with CerDee:</b></p> <p>lectures with experts from practice</p>
<p><b>Secondary School of Ceramics and Glass in Karlovy Vary</b></p> <p><a href="https://supskv.cz/">https://supskv.cz/</a></p>	<p>The base of the study is to handle whole process of ceramic/porcelain production (from project to design and decoration).</p> <p><b>Study programmes connected with CerDee:</b></p> <ul style="list-style-type: none"> <li>- Producer and decorator of ceramic (apprentice)</li> <li>- Design of ceramic and porcelain (A-level)</li> </ul> <p><b>Other activities connected with CerDee:</b></p> <ul style="list-style-type: none"> <li>- Public workshops and lectures</li> <li>- Pottery friends club</li> </ul>
<p><b>UNIVERSITIES</b></p>	
<p><b>Czech Technical University in Prague</b></p> <p><b>Faculty of Architecture</b></p> <p><a href="https://www.fa.cvut.cz">https://www.fa.cvut.cz</a></p> <p><a href="https://www.fa.cvut.cz/en">https://www.fa.cvut.cz/en</a></p>	<p>"The Faculty of Architecture is a prestigious workplace focusing on research, and scientific and artistic creative activities. The department of Design prepares flexible and comprehensively educated designers - specialists that know their way around the conditions of today's technologies and media and are able to react to the demands of the current professional market. The students propose concepts using these technologies and are led to implement a functional prototype.</p> <p>Students of CTU participate on some of Cerdee workshops.</p>

## CZECH REPUBLIC

<p><b>Jan Evangelista Purkyně University in Ústí nad Labem, Faculty of Art and design</b></p> <p><a href="https://fud.ujep.cz/">https://fud.ujep.cz/</a>  <a href="https://fud.ujep.cz/en/">https://fud.ujep.cz/en/</a></p>	<p>At the Faculty of Art and Design as part of the Fine Arts study program, we provide comprehensive artistic, theoretical and practical education to designers and graphic artists, photographers, artists with a focus on digital media and curators of contemporary art.</p> <p>The ceramic department is partially based at the ceramic factory in Dubí (near Teplice).</p> <p><b>Study programmes connected with CerDee:</b></p> <ul style="list-style-type: none"> <li>• Ceramic design (bachelor)</li> <li>• Ceramic design (master)</li> </ul> <p><b>Other activities connected with CerDee:</b></p> <p>Lectures, workshops, exhibitions, cooperation with other schools, institutions, galleries and design studios in Europe, Asia or America.</p>
<p><b>Tomas Bata University in Zlín</b></p> <p><b>Industrial Design Studio</b></p> <p><a href="https://fmk.utb.cz/o-fakulte/zakladni-informace/ateliery-ustavy-a-kabinety/atelier-prumyslovy-design">https://fmk.utb.cz/o-fakulte/zakladni-informace/ateliery-ustavy-a-kabinety/atelier-prumyslovy-design</a>  <a href="https://www.utb.cz/en/">https://www.utb.cz/en/</a></p>	<p>The study at the Industrial Design Studio focuses on the issues of designing mass-produced products from the field of furniture design, interior accessories, electric appliances, machines, means of transportation, etc. The studio builds on the long tradition of industrial design in Zlín as the cradle of Czech industrial design, and emphasizes the high utility value of design, its ergonomics, visual quality, ecology and production potential.</p> <p>Students of Industrial Design Studio participate on some of CerDee workshops.</p>
<p><b>University of arts and crafts Prague</b></p> <p><a href="https://www.umprum.cz/">https://www.umprum.cz/</a>  <a href="https://www.umprum.cz/web/en/">https://www.umprum.cz/web/en/</a></p>	<p>The university is divided into the departments of architecture, design, liberal arts, applied arts, graphics and the department of theory and history of art. In the global ranking,</p> <p><b>Study programmes connected with CerDee:</b></p> <ul style="list-style-type: none"> <li>- Ceramics and porcelain (bachelor)</li> <li>- Ceramics and porcelain (master)</li> </ul> <p><b>Other activities connected with CerDee:</b></p> <ul style="list-style-type: none"> <li>- Open day "Artsemester" - presentation of students' work</li> <li>- More than 15 exhibitions in Czech republic and in abroad</li> </ul>

## CZECH REPUBLIC

<p><b>University of Chemistry and Technology, Prague</b></p> <p><b>Faculty of Chemical Technology</b></p> <p><a href="https://fcht.vscht.cz/">https://fcht.vscht.cz/</a></p> <p><a href="https://fcht.vscht.cz/?jazyk=en">https://fcht.vscht.cz/?jazyk=en</a></p>	<p>Students are qualified as direct implementers of restoration and conservation work for objects made of glass and ceramics. After study they can work in museums and in institutes focused on the protection of historical monuments.</p> <p><b>Study programmes connected with CerDee:</b></p> <ul style="list-style-type: none"> <li>- Conservation-restoration of works of art from glass and ceramics (bachelor)</li> <li>- Conservation - restoration of cultural heritage sites (master)</li> </ul>
<p><b>University of West Bohemia, Ladislav Sutnar Faculty of Design and Art</b></p> <p><a href="https://www.fdu.zcu.cz/cz/">https://www.fdu.zcu.cz/cz/</a></p> <p><a href="https://fdu.zcu.cz/en">https://fdu.zcu.cz/en</a></p>	<p>Ladislav Sutnar Faculty of Design and Art is an educational institution in the field of fine arts and design. Huge cooperation between important Czech artists and students in a wide range of disciplines focused on design and applied art.</p> <p><b>Study programmes connected with CerDee:</b></p> <ul style="list-style-type: none"> <li>- Ceramic design (bachelor)</li> <li>- Ceramic design (master)</li> </ul> <p><b>Other activities connected with CerDee:</b></p> <ul style="list-style-type: none"> <li>- Competition "Teendesign" for students from grammar and secondary schools</li> </ul> <p>Project partner in CerDee</p>

## POLAND

### Akademia Sztuk Pięknych we Wrocławiu (Academy of Fine Arts in Wrocław)

Public university, the only higher education institution in Poland with a ceramics faculty. Full-time courses are free of charge for Polish students.

#### Faculty of Ceramics and Glass)

<https://www.asp.wroc.pl/?module=StaticContent&controller=Main&id=77&seoName=Wydzia%C5%82+Ceramiki+Szk%C5%82a>

Plac Polski 3/4, 50-156  
Wrocław, Poland

+48 71 343 80 31 ext. 216,  
dziekanatcisz@asp.wroc.pl

Courses: art and design of ceramics, conservation and restoration of works of art in the field of ceramics and glass

The Art and Design of Ceramics is a course where one can study in one of six specialization workshop: I and II Artistic Ceramics Workshop, Pottery Wheel Workshop, I and II Utility Ceramics Design Workshop, and Ceramics in Architecture Design Workshop. The specialized infrastructure and equipment at the disposal of students include: a model workshop, a laboratory for the preparation of ceramic masses and glazes, various kilns for firing ceramics, a Blaauw gas furnace for large objects, a traditional Tongkama wood-fired kiln, and a kiln for black ceramics . The workshops have extensive material resources and are equipped with specialised devices, such as 3D clay printers for printing with ceramic masses or a ceramic decals printer. Graduates gain education that allows for individual creativity in own studios, work in design teams or cooperation with the industry.

### Uniwersytet Artystyczny w Poznaniu (Artistic University in Poznań)

Public university. Full-time courses are free of charge for Polish students.

#### Wydział Rzeźby (Faculty of Sculpture)

<https://wridp.pl>  
ul. Marcinkowskiego 29, 60-967  
Poznań, Poland  
+48 618 53 00 18 ext. 109,  
[terdzo@wp.pl](mailto:terdzo@wp.pl)

The Faculty of Sculpture has four modern workshops to teach sculpting in different materials, including ceramics. In the field of ceramics, the course includes all stages, from forming and casting through glazing to firing, and wide range of techniques, including the experimental ones.

### Akademia Górniczo-Hutnicza w Krakowie AGH University of Science and Technology

Public university. Full-time courses are free of charge for Polish students.

#### Wydział Inżynierii Materiałowej i Ceramiki (Faculty of Materials Science and Ceramics)

al. Mickiewicza 30, 30-059 Kraków, Poland  
<https://www.ceramika.agh.edu.pl/en/>+48 12 617 22 34,  
[imic@agh.edu.pl](mailto:imic@agh.edu.pl)

The faculty offers full-time bachelor- and master-degree courses in the following specialties related to ceramics: chemical technology (ceramics and refractory materials technology), ceramics (technical and construction ceramics; ceramic and glass design; materials for conservation and revitalization)

### Państwowe Liceum Sztuk Plastycznych w Nowym Wiśniczu (Public High School of Visual Arts)

ul.Bocheńska 6  
32-720 Nowy Wiśnicz  
+48 14 68 55 651  
<https://www.wisnickiplastyk.pl>

Secondary school with artistic ceramics as one of the education profiles

### Państwowe Liceum Sztuk Plastycznych w Zduńskiej Woli (Public High School of Visual Arts)



plul. Sieradzka 29 98-220 Zduńska Wola +48 43 823 64 29 www.lpzdwola.	Secondary school with artistic ceramics as one of the education profiles
<b>Państwowe Liceum Sztuk Plastycznych w Kaliszu (Public High School of Visual Arts)</b>	
ul. Rzemieślnicza 6, 62-800 Kalisz +48 62 767-76-50 <a href="https://liceumplastyczne.kalisz.pl/">https://liceumplastyczne.kalisz.pl/</a>	Secondary school with artistic ceramics as one of the education profiles
<b>Państwowe Liceum Sztuk Plastycznych w Kielcach (Complex of Public Schools of Visual Arts)</b>	
ul. Radiowa 3, 25-317 Kielce +48 41 344 90 65 <a href="mailto:sekretariat@plastyk.kielce.pl">sekretariat@plastyk.kielce.pl</a> <a href="https://www.plastyk.kielce.pl/">https://www.plastyk.kielce.pl/</a>	Secondary school with artistic ceramics as one of the education profiles
<b>Zespół Szkół Ogólnokształcących i Zawodowych w Bolesławcu (General Education and Vocational School Complex)</b>	
Komuny Paryskiej 6 59-700 Bolesławiec +48 75 732 40 00 sucharski.boleslawianie.pl	Secondary vocational school with a class for future ceramics decorators.

## PART 2.



“Case studies” ISIA University, Faenza <https://www.isiafaenza.it/>.

The ISIA offers Several courses of Design, including ceramic design, communication of products and Video maker.

Through an agreement with MIC, concluded in the frame of CerDee INTERREG Central Europe project, the University offers to future ceramic entrepreneurs a wider vision of ceramics from different point of view. The MIC supports an implementation of the courses with the ceramic heritage available in archives, library and galleries.

In the frame of CerDee and visible in the porta Ceramic in Europe, 8 videos realized by students of ISIA, under the direction of a teacher of “video communication” are dedicated to the promotion of ceramic products. These products explain how, thanks to the collaboration with cultural and educational institutions, an in-depth training is possible: it will provide possibility of employment and at the same time support ceramic activities.

This study case starts from the cultural ceramic heritage to communicate ceramic "products". In the case of this experience, the products are art works inside MIC Faenza, but the technique of communication is also supposed to be transferable to other experiences, e.g. manufacturing or industrial products related to design.

It is important to join education, cultural sectors, handicraft and industry. The aim is support ceramic entrepreneurs who are skilled individuals concerning the technical and creative training of ceramics, but often too involved in the implementation process. They have to learn how extending their knowledge to the ways of communicating their products, also connecting their activities with the possibilities offered by the cultural institutions in their area.

## PART 3.

### The "Faenza system"

It offers interesting ideas for craftsmen and ceramic workshops. It is a positive example to show what a competitive advantage it is for craftsmen to live in an area of ceramic tradition. Faenza has seen the birth of fundamental projects such as the International Museum of Ceramics - MIC, the "Faenza Prize" - International Competition of Ceramic Art, the Art Institute for Ceramics, the "Ente Ceramica" association, and others, including Museums devoted to important artists of ceramics, such as the "Museo Zauli", the "Museo Tramonti", the "Museo Gatti" and the "Museo Lega".



All of all of this has fostered a strong ceramic identity. The pathways to the birth of new ceramic enterprises are part of a framework of already vital realities, with which they share criticalities and potential. Another important element in the "Faenza system", and more generally in systems linked to territories with a ceramics tradition, is the "networking" strategy. It helps entrepreneurs to become acquainted with existing regulations, can facilitate both technical and bureaucratic knowledge, and even lead to co-working experiences. They safeguard, strengthen and encourage the dissemination of artistic and craft ceramic culture, integrate craft production as far as possible into the region's tourist offering, bring the innovations made available by technology to the artistic

and craft sector of ceramics, intervene in the ongoing transformations of the artisan workshops for the intergenerational transmission of artisan knowledge to the younger generations and increase the interest and participation of adequately prepared young people in the world of ceramic art and craftsmanship.