



03 - COURSES TRAIN THE TRAINER FOR THE PROFESSION “METALWORKING”

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***SLOVAK AUSTRIAN GERMAN ALIANCE
VOCATIONAL EDUCATION AND TRAINING***

03 - COURSES TRAIN THE TRAINER FOR THE PROFESSION "METALWORKING"

Project: SAGA FOR VET

Activity: Train the Trainer Week

When?: 17 – 21 October 2016

Where?: Bildungszentrum Muldenstraße, BZM

Muldenstraße 5, A-4020 Linz



*SLOVAK AUSTRIAN GERMAN ALIANCE
VOCATIONAL EDUCATION AND TRAINING*

PROGRAM

Framework program on "Train the Trainer" within the framework of the SAGA for a VET project (the intellectual output O2 – O7)

The goal of this program is to provide comprehensive knowledge regarding theoretical and practical part of the education to the participants with respect to the selected program/profession. On the basis of the information received, the participants should be able to understand the analyses of the professions developed by the partners of the BBRZ-Group and EBG and also should be active in the development of various educational programs. (accreditation) in Slovakia. In addition, the participants of the program "Train the Trainer" are able to independently conduct training programs, and to pass on the acquired information to attendees of accredited educational programs in Slovakia.

PROGRAM – 17 OCTOBER 2016

Time	Content	Person responsible	Location
	all the participants together		
09:00 a.m. – 12:00 noon	Greeting Presentation of the program and organisation System of dual vocational education Special forms of dual vocational education	BFI OÖ Gerald Roithmeier	BZM Muldenstraße 5, 4020 Linz, 4 th floor, room M2
12:15 – 1:15 p.m.	Lunch		Canteen BZM
1:30 – 2:30 p.m.	Methodology and didactics	BFI OÖ Leonard Niederwimmer MA	BZM Muldenstraße 5, 4020 Linz, 4 th floor, room M2
2:30 – 3:30 p.m.	Train the Trainer	BFI OÖ Mag. Eva Mittendorfer	BZM Muldenstraße 5, 4020 Linz, 4 th floor, room M2

PROGRAM – 18 OCTOBER 2016

Time	Content	Person responsible	Location
The qualification “Locksmith – metal technician” and “Operator in water management company”			
08:00 – 09:00 a.m.	Transport to Laakirchen	BFI OÖ Judith Zaller	
09:00- 11:00 a.m.	Visit to UPM Laakirchen Workshops and Wastewater treatment plant	Mr. Avinger Mr. Sperl	Fabrikplatz 1 4662 Laakirchen
The qualification “Sewer in automotive industry – upholstery in vehicles”			
1:30 – 2:30 p.m.	Transport to Lilienfeld	BFI OÖ Gerald Roithmeier	
09:00 – 11:00 a.m.	Visit to the Lilienfeld vocational school	Dir. Ing. Johann Atzinger	Berghofstraße 14, 3180 Lilienfeld
11:00 a.m. – 12:00 noon	Transport to Linz	BFI OÖ Gerald Roithmeier	
12:00 – 1:00 p.m.	Lunch		Canteen BZM
2:30 – 3:00 p.m.	Voest Alpine workshops	Mr. Grubmüller	Voestalpine-Straße 3 Linz
3:00 – 4:30 p.m.	Visit to the Voest Alpine steel plant	BFI OÖ Gerald Roithmeier/Judith Zaller	Voestalpine-Straße 3 Linz

PROGRAM – 19 OCTOBER 2016

Time	Content	Person responsible	Location
The qualification “Locksmith – metal technician” and “Operator in water management company”			
09:00 a.m. – 12:00 noon	Visit to vocational school	Dir. Ing. Reinhold Felber	Makartstraße 3a Linz
12:00 – 1:00 p.m.	Lunch	p	Canteen BZM or BBRZ
1:15 – 3:45 p.m.	Transport to Asten	Judith Zaller	
2:00 – 4:00 p.m.	Visit to the Asten wastewater plant	Mr. Gamperer	Ipfordorfer Straße 7, Asten
The qualification “Sewer in automotive industry – upholstery in vehicles”			
07:30 – 10:00 a.m.	Transport to Graz	BFI OÖ Gerald Roithmeier	
10:00 a.m. – 12:00 noon	Visit to the MAGNA company –workshops	Mr. Schröttner Mr. Walser	Liebenauer Hauptstraße 317, Graz
12:00 – 1:00 p.m.	Lunch		GRAZ
3:00 – 5:30 p.m.	Transport to Wels	BFI OÖ Gerald Roithmeier	
3:00 – 5:30 p.m.	Visit to the Sattlerei Winklkmayr upholstery company	Georg Winklmayr	4600 Wels

PROGRAM – 20 OCTOBER 2016

Time	Content	Person responsible	Location
	all the participants together		
09:00 – 11:30 a.m.	Systematics of apprenticeship The test of the qualified worker Test workshop	WK OÖ Mr. Riegler	WIFI Wiener Straße 150 Linz
12:00 – 1:00 p.m.	Lunch		Canteen BZM
1:15 – 3:30 p.m.	Lecture on Health and Safety at Work	BFI OÖ Ing. Mag. Gudrun Wolfschwenger	BZM Muldenstraße 5, 4020 Linz, 4 th floor, room M2

PROGRAM – 21 OCTOBER 2016

Time	Content	Person responsible	Location
	all the participants together		
09:00 a.m. – 12:00 noon	Summary Reflection Discussion	BFI OÖ Gerald Roitmeier	WIFI Wiener Straße 150 Linz
12:00 – 1:00 p.m.	Lunch		Canteen BZM

TRAINING REGULATIONS ON THE PROFESSION METALWORKING

The vocational program Metalworking is established as module vocational program.

In addition to the basic module required for all apprentices, one of the following main modules must be chosen:

1. Mechanicalworking(H1)
2. Automotive Engineering (H2)
3. Metal Construction and Metal Cutting (H3)
4. Steel Construction (H4)
5. Forging technology (H5)
6. Tool Construction Technology (H6)
7. Welding Technology (H7)
8. Cutting Technology (H8)

TRAINING REGULATIONS ON THE PROFESSION METALWORKING

For the deepening and specialization of the training, a further main module or one of the following special modules can be selected:

1. Automation Technology (S1)
2. Design Engineering (S2)
3. Construction Technology (S3)
4. Process and Manufacturing Technology (S4)

METALWORKING (MODULE APPRENTICESHIP)

Training companies: Commercial and industrial operators in all sectors, in particular metal processing and manufacturing plants, vehicle, machinery, equipment, apparatus and toolmaking plants

- Metal technician profession is all about metals, machines and tools. The task areas range from the metal processing and manufacturing, components and semi-finished and finished products, design and manufacturing of machines and tools, to assembly, control and supervision over automated production plants and machines. With metal tools and computer-controlled systems, metal technicians work with different iron- and non-ferrous metals, partly also plastics and other materials, and make machines and machine parts, tools, steel components, housings, vehicle parts, facade elements, gates, railings, etc. out of these metals. They use techniques such as forging, welding, soldering, bending, filing, gluing or cutting.

SUBJECT TEACHING

■ MECHANICAL TECHNOLOGY

- Area of competence “Safety and ergonomomy”
- Area of competence “Materials and auxiliary materials”
- Area of competence “Mechanics, electrical engineering and electronics”
- Area of competence “Tools and machines”
- Area of competence “Machine elements”
- Area of competence “Manufacturing and welding technology”
- Area of competence “Automation technology”
- Area of competence “Construction physics”
- Area of competence “Project management”

SUBJECT TEACHING

- **APPLIED MATHEMATICS**

- Area of competence “Mathematical calculations”

- **COMPUTER-ASSISTED TECHNICAL DRAWING**

- Area of competence “Technical drawing”

- **VOCATIONAL TRAINEESHIP**

- Area of competence “Safety and ergonomomy”
- Area of competence “Vocational training”

- **PROJECT TRAINEESHIP**

- Area of competence “Metalworking projects”

SUBJECT TEACHING



Your vocational training at UPM Steyrermühl

Vocational training opportunities at UPM at Steyrermühl

The UPM Steyrermühl paper mill was founded in 1868 and recently produces around 470,000 tons of high-quality magazine and newspaper printing papers for daily newspapers, newspaper supplements, catalogs, and more on two modern paper machines each year. Waste paper and wood pulp are used as primary raw materials for production.

The Steyrermühl plant combines tradition and progress. In this way, technological innovations were always developed, resource-conserving production methods were introduced and the high quality requirements were ensured by continuous improvement.

SUBJECT TEACHING

Metalltechniker (Hauptmodul Maschinenbautechnik)

Tätigkeitsspektrum/Einsatzbereiche

Alles am Laufen halten: Metalltechniker sorgen als Spezialisten im ganzen Betrieb für die Funktionsbereitschaft von Maschinen, Anlagen und Anlagenteilen. Mit ihrem handwerklichen Geschick warten und reparieren sie diese und tragen dazu bei, teure Stillstandszeiten an den 24 Stunden pro Tag laufenden Papiermaschinen so kurz wie möglich zu halten. Der Einsatz moderner Technologie ist dabei selbstverständlich.

Die beeindruckende Komplexität und Geschwindigkeit der Maschinen und Anlagen erfordert verschiedenste Fähigkeiten und Fertigkeiten. Auch die Überwachung und Auswertung von Onlinemessungen zB. Schwingungsmessungen und das Arbeiten mit Hydraulik und Pneumatik sowie rasche Störungserkennung und Lösungsfindung gehören zum täglichen Geschäft des Metalltechnikers.

Voraussetzungen

- Qualifizierter Pflichtschulabschluss
- Großes Interesse an Technik
- Ein hohes Maß an handwerklichem Geschick und körperliche Belastbarkeit
- Selbständige Arbeitsweise und Teamgeist

Perspektiven/Entwicklungsmöglichkeiten

Aufgrund der schnellen technischen Entwicklung müssen Metalltechniker immer "up to date" sein. Weiterbildung spielt auch hier eine große Rolle um beruflich aufzusteigen. Die Werkmeisterausbildung gehört in Steyermühl bereits zum Standard.

Nach einem erfolgreichen Abschluss werden Metalltechniker in der Wartung, Instandhaltung und Inspektion von Maschinen und Anlagen, sowie in der Anpassung, Erweiterung und Umrüstung von Betriebsanlagen und Maschinen eingesetzt. Speziell in unserer Papierfabrik bietet sich die Möglichkeit der Spezialisierung. Die Werkstücke reichen vom kleinen Bauteil bis zu Walzen mit einem Gewicht von rd. 58 Tonnen.



SUBJECT TEACHING



The choice of the right training sets the course and is probably the most important decision to make at a young age. The voestalpine Group offers a diverse range of courses with 50 different professions at 39 locations in Austria and Germany. At the moment, 1,377 apprentices are being trained, and about 400 new training places are offered each year. Voestalpine is thus one of Austria's largest industrial apprentice educators.

What makes the apprenticeship at voestalpine so special? On this website you will find up-to-date articles from our companies – from the open day to apprentice videos. In addition, you will find bundled information on all locations, apprenticeship and application.

SUBJECT TEACHING



Vocational careers

Those who are involved in apprenticeship at voestalpine do not only form materials but also themselves. In addition to a professional top-level training, the further development of personal and social skills is important to us. We invest more than 70,000 euros in the training of an apprentice. Numerous awards at international competitions show that they are among the best in the world.

SUBJECT TEACHING

Metal technician tasks are all about metals, machines and tools.

They process various iron and non-ferrous metals, but sometimes also plastics and other materials, and manufacture machine and machine parts, tools, steel components, vehicle parts, containers, windows, facades, etc. They use techniques such as forging, welding, soldering, bending, filing, gluing or cutting. Metal technicians work in metal, machine, plant, apparatus, vehicle and tool construction workshops and factory halls.

Modules and combinations

The training in the module course in metal technology requires a 2-year training in the basic module of metal technology and a 1.5-year training in one of the following main modules:

- Mechanical working
- Automotive Engineering
- Metal Construction and Metal Cutting
- Steel Construction
- Forging technology
- Tool Construction Technology
- Welding Technology
- Cutting Technology



SUBJECT TEACHING



WELCOME ON THE WEBSITE OF VOCATIONAL SCHOOL LINZ 3

Vocational school for chemical laboratory engineering, chemical process engineering; Disposal and recycling expert; Design engineer, Automotive engineering; Metaltechnician; Pharmaceutical technician, Production technician and technical draftsman, ...

Contact

Makartstraße 3a, 4020 Linz

T 0732 65 15 64, F 0 732 7720-25 84 09

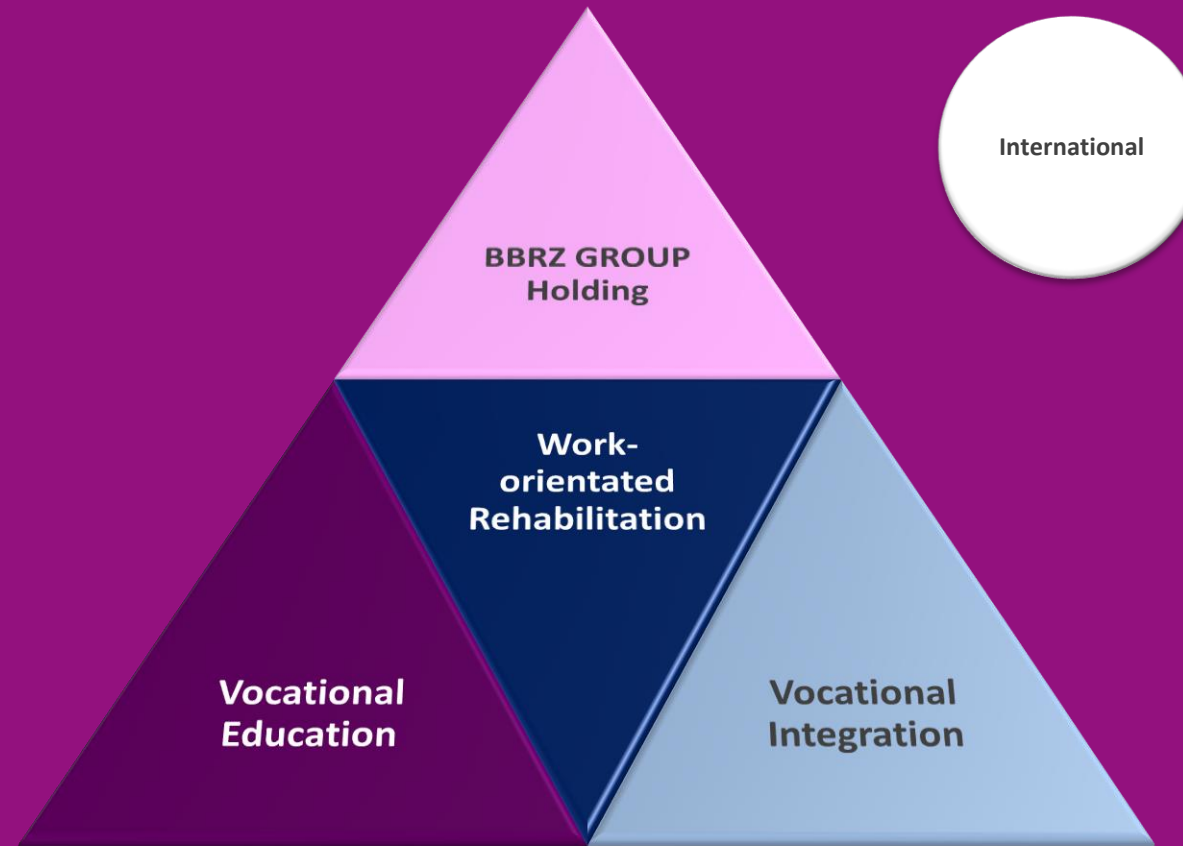
E-Mail bs-linz3.post@ooe.gv.at

FINAL APPRENTICESHIP EXAMINATION

- Practical exam
 - Test work
 - Expert discussion

- Theoretical exam
 - Technology
 - Applied mathematics
 - Technical drawing

Overview



- Courses: 5.000
- Turnover: 60,2 Mio Euro
- Employees: 1.850
(including 1.200 trainers)
- Participants: 55.000
- 5 regions with 45 sites
- Market share in Upper Austria: 33 %



- Comprehensive provider in the field of adult education
- Biggest provider for second chance education in Upper Austria and distance learning at university level
- Market leader in social services and health care colleges
- Reliable and competent training organisation for skilled workers and apprentices in cooperation with companies
- Developer and promoter of innovative projects
- Training center for people with migrant background, NEET's and youths in transition from school to work