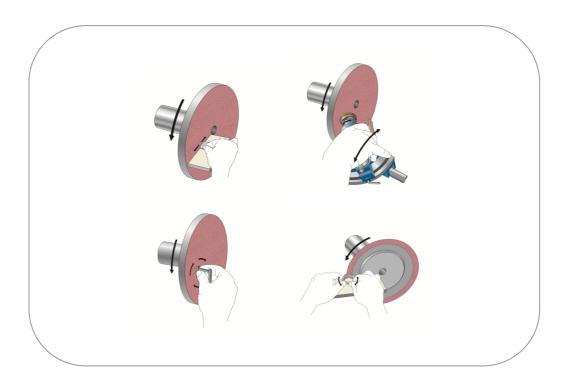
# **Polishing - Lapping**

5 days











The essential preparation technique to obtain highly accurate surfaces and maintain the flatness of components.





#### WOSTEP – WHO ARE WE?

Founded in 1966 and supported by the Swiss watch industry, the Fondation WOSTEP, located in the cradle of watchmaking in Neuchâtel, offers training programs covering several watchmaking professions. As a reference centre for watchmaking training and development worldwide, the Fondation WOSTEP transmits unique know-how through cutting-edge teaching. The range of training programs and consulting services offered by WOSTEP are considered quality standards. Employers around the world recognize WOSTEP certification as a proof of technical competence and demonstration of a solid training.

The neutral and independent Fondation WOSTEP is supported by 6 active members who together generate 90% of the turnover of the watch industry in Switzerland. Its ambition is to preserve and promote Swiss know-how abroad. Two pillars of the Foundation are the courses offered in Neuchâtel and the partnership with several schools abroad. The standardization of training programs and evaluation criteria implemented in cooperation with the industry ensures a true Swiss Made on a global scale.

With more than 50 years of experience, WOSTEP manages innovative projects with the close support of its members and donors and positions itself as a real training and skills center of the future.

#### **CERTIFYING TRAINING**

The Neuchâtel school offers certifying training in watchmaking and polishing.

The watchmaking programs are run through a phase of Watch Technician, then Customer Service Watchmaker after one year. Finally, Watchmaker is the additional year more specialized in manufacturing which allows to arrive at a panel of knowledge worthy of traditional haute horlogerie. The student develops in-depth and specific skills in tool maintenance, diagnosis with defect identification, maintenance, movement adjustment, complete service, polishing, precision adjustment, micromechanics and watch manufacturing.

The Customer Service Polishing Technician is a program that allows the reconditioning, disassembly and reassembly of watch cases and bracelet components made of various base metals according to their technical and aesthetic characteristics.

These certification programs make it possible to reach a high level in watchmaking and polishing careers with specific opportunities in international haute horlogerie.

Note: Certificates – titles recognized for their practical part by the Convention Patronale de l'Industrie Horlogère Suisse (Swiss Watch Industry Employers Federation) / based on governmental orders of the SEFRI (Secrétariat d'Etat à la Formation, à la Recherche et à l'Innovation (SERI - State Secretariat for-Education, Research and Innovation).

#### COURS À LA CARTE

To complete our offer, the school hosts multipurpose courses. Practical or theoretical à la carte courses can be developed and implemented on demand. Train the Trainer, Complete Service Standard Operation, Chronometry, Balance Hairspring Manufacturing, Chronograph, Turning, as well as modular and specific polishing courses, such as laser welding refilling, are given regularly.

More details can be found on our website.



#### COURSE CURRICULUM

#### **Course description**

The 5-days WOSTEP *Lapping* course allows participants to improve their lapping skills in order to preserve the original appearance of flat surface components during polishing operations, such as: case middle, case back and bezel, with a theoretical support and practical exercises.

# C51 – POLISHING - LAPPING Duration: 5 days

#### **Main topics**

Practical lapping exercises will be performed using a 3-dimensional table, a lapping trolley and freehand on the case middle, case back and bezel.

#### **Career opportunities**

With the *Lapping* course participants will open their skill portfolio following the more aggressive material removal of milling and grinding to a high-level accuracy and flatness, an excellent base for customer services and independent repair centers.

#### Requirements and target audience

The *Lapping* course is open to anybody working in the polishing field who wants to acquire or improve their lapping skills.



### TIMETABLE AND PARTICIPANTS

- Monday to Friday: 08:30 12:00 / 13:30 17:00.
- Maximum 6 participants per session.

#### LOCATION

Fondation WOSTEP, Rue des Saars 99, 2000 Neuchâtel, Switzerland

#### REQUIRED MATERIAL

All the equipment, accessories, components and consumables will be provided by WOSTEP, except for loupes (recommended magnifying size for the polishing course: x 2,5).

#### MEALS

Meals are not provided and are at the participants cost.

#### ACCOMMODATION

Participants will receive a list of hotels in Neuchâtel with the confirmation of the course in order to make their own reservation.

#### COURSE FEE

- CHF 2'200.- per person (accommodation and meals not included)
- -10% discount for active members + donators
- -75% discount for partnership teachers

#### ATTESTATION

An attestation will be delivered upon completion of the course.



LAPPING COURSE REGISTRATION
Session selection
Please indicate your choice of session date/period*:
*Select from published program/course dates online or enclosed flyer.
Personal details – please fill in CAPITAL letters
□ Ms. □ Mr.
Last name (s):
First name (s):
Employer:
Present occupation and responsibilities:
Mailing address
Name / Company name (if applicable):
Street address, n°:
Post office box:
Zip Code - City:
Country:
Home phone:
Work phone:
Mobile phone:
Home e-mail:
Work e-mail:
Invoice address (if different from the above mentioned)
Name / Company name (if applicable):
Contact person:
Street address, n°:
Post office box:
Zip Code – City:
Country:
WHERE/HOW DID YOU HEAR ABOUT WOSTEP?
□ WOSTEP student(s) □ Employer □ Advertisement □ Internet
□ Other:
Date: Signature:

To register for the course, kindly complete this form and send to  $\underline{wostep@wostep.ch}$  or register directly through our website under  $\underline{www.wostep.ch}$ /training/programs.



## EDUCATION, EXPERIENCE AND SELF-ASSESSMENT – LAPPING

Name of school / Company	Period of time		Hours of training	
Self-taught				
Sen-taught				
Professional experience (after training):				
Name of employer	Full-time	Part-time Period of		l of time
Watch brand / product / external component you a back, bezel, bracelet):	are most exp	erienced with	(case middl	le, case
Level 1: None Level 2: Beginner	for the criteri	a below, usin	ng the follow	ing scale:
Level 1: None Level 2: Beginner	for the criteri			
Level 1: None Level 2: Beginner Level 3: Confident	for the criteri	a below, usin		acquisition
Level 1: None Level 2: Beginner	for the criteri	Level of und	erstanding /	
Level 1: None Level 2: Beginner Level 3: Confident  Competence	for the criteri	Level of und	erstanding /	acquisition
Level 1: None Level 2: Beginner Level 3: Confident  Competence Sandblasting-Microbeadblasting	for the criteri	Level of und	erstanding /	acquisition
Level 1: None Level 2: Beginner Level 3: Confident  Competence Sandblasting-Microbeadblasting Lapping	for the criteri	Level of und	erstanding /	acquisition
Level 1: None Level 2: Beginner Level 3: Confident  Competence Sandblasting-Microbeadblasting Lapping Grinding Felt polishing Satin finishing	for the criteri	Level of und	erstanding /	acquisition
Level 1: None Level 2: Beginner Level 3: Confident  Competence Sandblasting-Microbeadblasting Lapping Grinding Felt polishing Satin finishing Polishing – Final finishing	for the criteri	Level of und	erstanding /	acquisition
Level 1: None Level 2: Beginner Level 3: Confident  Competence Sandblasting-Microbeadblasting Lapping Grinding Felt polishing Satin finishing Polishing – Final finishing Cleaning	for the criteri	Level of und	erstanding /	acquisition
Sandblasting-Microbeadblasting  Lapping  Grinding  Felt polishing  Satin finishing  Polishing – Final finishing  Cleaning  Jewellery	for the criteri	Level of und	erstanding /	acquisition
Level 1: None Level 2: Beginner Level 3: Confident  Competence Sandblasting-Microbeadblasting Lapping Grinding Felt polishing Satin finishing Polishing – Final finishing Cleaning	for the criteri	Level of und	erstanding /	acquisition

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