

The Schaublin 70 Lathe Course

October 25 to November 12, 2010

A course for people in charge of training
and those who wish to advance in micromechanics

April 2010

The Schaublin 70 Lathe Course

October 25 to November 12, 2010

Instructor

Nils Kammermann

Dates and duration

October 25 to November 12, 2010 ; 3 weeks

Timetable

From 08.00 to 12.00 a.m. and from 1.15 to 5.20 p.m.

Location

WOSTEP, Rue des Saars 99, 2000 Neuchâtel, Switzerland

Participants (max. 4)

Participants must already have a solid knowledge of both watchmaking and basic micromechanics. Without these prerequisites, a participant would be unable to take full advantage of this course, since the syllabus can be seen as the natural development of these basic skills. The course is therefore particularly suited to people who, with a solid basis of theory and practical ability, are highly motivated to develop their skills in the more specialised directions of restoration and complications.

Price

CHF 3,600.- per person (accommodation and meals not included).
Teachers from Partnership schools: 75% reduction

Equipment

All the equipment will be provided by WOSTEP except for loupes.

Accommodation

All participants will be sent a list of hotels in Neuchâtel with the confirmation of the course so that they can make their own reservations.

Certificate

A certificate of attendance will be delivered upon completion of the course.

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Aim of the course

To give the participant a good basic understanding of machine-turning in general, and of how to get the most out of this highly versatile machine. The course is almost entirely practical, with exercises which have each been specially chosen to demonstrate particular aspects of the lathe's capabilities.

The students will also be encouraged to put forward solutions to mechanical problems and to produce their own drawings, since an ability to solve problems and think creatively is extremely important for anyone who wishes to progress to a higher level of watchmaking.

Program (*The program may be modified at any time*)

The program is flexible, since a great deal depends on the level of each participant. Those who complete the essential aspects of the course ahead of schedule will be given the opportunity to continue with more advanced projects. We intend that all participants should achieve at least the following, however:

Basic elements

- Gravers

Understanding the importance of the clearance angles. Making various machine gravers in hard metal using the tool-grinding machine.

- Turning and drilling

Preparing drawings and producing several pieces in brass and steel. Different techniques for centre drilling. Turning tapers and angles. Parting off. Cutting threads.

- Milling and dividing

Milling flat faces and squares. Different methods of division. Cutting wheels.

Special projects requiring a combination of the different techniques

Visit to Schaublin Machines SA in Bévillard, Switzerland

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Enrolment form Please use capital letters

Personal information

Title: Ms. Mrs. Mr.
Name(s):
First name(s):
Current employer:
Present occupation and responsibilities:
I have the basic knowledge required under the conditions for admission :
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Contact Information

Postal address

Street, house no. :
Post office box :
Post code, city :
Country:
Tel. (priv.): Tel. (office) :
Fax :
Mobile :
E-mail (priv.) :
E-mail (office) :

Address for invoice (if different from above)

Contact person :
Street, house no. :
Post office box :
Post code, city :
Country:

Where/how did you hear about WOSTEP ?

- WOSTEP student(s)
- Employer
- Advertisement
- Internet
- Other:

Date Signature