# Basic Designer Course MüCAD

This course leads to the safe use of the MüCAD pattern designing program under consideration of standard drawing rules. It furthermore imparts special knowledge for the full exploitation of the MÜCAD pattern designing program.
The course imparts general knowledge about the structure of MüCAD and operation.
In this course the use of the multiple programming tools is intensively trained, under consideration of general rules of drawing.
Upon dictated weave plans as well as material and machine specifications, standard labels will be created, as well as variants of labels, such as double fabric, weft satin and taffeta.
Practical exercises in converting designs on a loom complete the course.

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| **Target Group** | Works staff (designer, textile pattern stylists), who are, for a certain period already, familiar with the CAD treatment of flat textile fabrics and who bear responsibility for normal conditions of production. |
| **Precondition** | Good knowledge on textile weaving technique<br>Safe operation of a drawing program is an advantage |
| **Language Skills** | Good to excellent command of English |
| **Course Content** | The participants learn to know the structure and functions of the MüCAD pattern drawing system and to create labels of standard or particular style, by using MüCAD drawing tools.<br>Under supervision of experienced specialised lecturers they execute the practical application from the sketch to the finished label. |
| **Aims** | The participants:<br>− know structure, function and operation of the MüCAD system for pattern creation of common types of labels,<br>− are able to establish without any help pattern models and to integrate them into existing designs<br>− command pattern drawing tools, hook plans, design specifications, weave palettes, filter functions, weave styles, pattern weave tables for selvedges and design, attribution of control channels, calculation of production data, instructions for the machine control<br>− know specialities in label weaving, e. g. damask<br>− are able to proceed with basic settings of the program |
| **Final Qualification** | The course participants receive a certificate |
| **Course Duration** | 1 week (20 units) |
| **Course Materials** | The course rate includes an extended documentation (operator's tutorial, working instructions, tables, working and test papers).<br>During the course each participant disposes of his/her own MüCAD installation. |

This course **does not comprise nor impart:**
Special textile knowledge in the weaves and / or weaving technique and the programming proficiency resulting there from.
Basic instruction on textile technique, the use of computers or machine engineering or assembling activities will not be taught in this course.