



HIGHER DIPLOMA IN TEXTILE DESIGN AND PRINTING

A student of Textile Design and Printing does research on colours, materials and motifs of models and samples. This varied research is applied to the fashion and furnishing sectors, involving, for instance, clothing and accessories, household linen, floor and wall coverings, blinds, curtains, wallpaper, wrapping paper, etc...

1st year's programme

General training :

French, Maths, Physics, Languages, Management.

Artistic training :

Plastic Expression

[3 hours + 2 hours of practical work]

Study of documents (especially vegetation-based) and creation of textile compositions from observed designs.

Technical Arts and Civilisation

[2 hours]

The programme is spread over two years and consists of lectures on the history of textile technology and iconography from the beginning of our era up to the 20th century.

Professional training :

Design studio

[3 hours + 8 hours of practical work]

Colour and concept module.

The mixing and manipulation of colours are fundamental to improve colour perception. This will therefore be primarily practical work.

1a) Perception and approach of colours.

- Shade, tonality and saturation.
- Five fundamental aspects of colour: light/dark; warm/cold; chromatic circles and spheres (Munsell, Itten, Kandinsky); complementarity; contextual situations; quantitative reports.

1b) Composition of colours (ranges)

- Nuances (closely related colours).
- Contrasts (widely separated colours).
- Various colour systems: primary colours; lively colours; sharp colours; blacks, greys, tinted whites, off-whites; neutral colours; monochromes, two-colour, three-colour, multicoloured designs.
- Colour and sense : how idea and form are related to colour
- Colour and semantic context.

1c) Analysis, comprehension and construction of a trend panel.

Technology

(practice)

- Computer Aided Design : The students use Macintosh computers and work with HT ColorIn software to finalise work developed during the plastic expression course or in the studio.
- Knitwear : Students acquire the basic techniques of knitting using Brother electronic KM 940 machines. A sense of mixtures of colours and the various qualities of yarns is awakened to lead on to the creativity phase. Then they create samples on a plastic or conceptual theme. A basic knowledge of hosiery is provided. The place of knitwear in fashion and current trends is demonstrated. This programme covers the two years of the training.
- Silkscreen printing.

Practice and study of the plastic arts

[2 hours + 2 hours of practical work in groups]

2nd year's programme

General training :

French, Maths, Physics, Languages Management.

Artistic training :

Drawing and Plastic Expression

3 hours + 2 hours of practical work)

Subjects studied (for information only) :

- 1st term : vegetables, flowers, leaves and plants.

- 2nd term : animals, birds, objects.

Subsequent studies : observation and creation :

- After observing an object, this must be represented using as many different technical methods and aids as possible: inks (black, white, sepia), felt pens, pencils (2B-6B), black graphite, charcoals, red chalks, oil pastels, dry pastels, waxes; photographs, photocopies and videos. In relation to representational techniques, it is desirable to use lines and contours as well as hatching and stippling.

- Study of colour: creation of a colour range for each object.

This must permit the design to be stylised and figured in abstraction.

Technical Arts and Civilisation

(2 hours)

The programme is spread over two years and consists of lectures on the history of textile technology and iconography from the beginning of our era up to the 20th century.

Professional training :

Design studio

(7 hours + 8 hours of practical work)

This part of the programme covers the understanding, the study and the solving of the conceptual problems within the specialist field in the following areas of application :

- Clothing and accessories (fabrics, scarves, handkerchiefs, ties, lingerie, ribbons, soft furnishings, etc.)

- Environment and habitat (furnishing fabrics, curtains, carpets, wall and floor coverings, upholstery fabrics

- Wallpaper

- Household linen : tablecloths, napkins, tablemats, tea towels, sheets, pillowcases, bathroom towels, etc..

The training will cover the latest techniques in :

- Weaving (standard and complex weaves),

- Printing on different materials: fabrics, paper, plastic, etc.

- Hosiery,

- Embroidery.

The content will be extended when new materials or developments appear.

N.B : If it is possible, the projects will be carried out (in whole or partly) within the framework of practical technical work. The principles of plastic expression already covered during the previous course will be resumed and directly applied to specific textile creation and printing problems.

Technology

(Practice)

- Textile computer graphics :

Free use of Color'In, Photoshop and Quark X Press software... for own projects.

- Knitwear :

Students acquire the basic techniques of knitting using Brother electronic KM 940 machines. A sense of mixtures of colours and the various qualities of yarns is awakened to lead on to the creativity phase. They then create samples on a plastic or conceptual theme. A basic knowledge of hosiery is provided. The place of knitwear in fashion and current trends is

demonstrated over the two years of the programme.

- Silkscreen printing.

Practice and study of the plastic arts

(2 hours + 2 hours of practical work in groups)

Research and creation of textile models.

Textile Design and Printing : 1st and 2nd years

Compulsary subjects	Hours/week	ECTS/half-year
Design Studio	15	15
Plastic expression	5	7

Optional subjects (2 subjects)	Hours/week	ECTS/half-year
Technical Arts and Civilisation	2	4
Silkscreen printing	3	4
Textile computer graphics	3	4
Knitwear	3	4
French	2	4
Practice and Study of the plastic arts	4	4
Management	2	4

