



## PROGRAMME DESCRIPTION

This course takes place over 3 months. This unit standard will equip learners with the skills, knowledge and values to participate effectively in workplace activities within the CTFL manufacturing industries, specifically in the Clothing industry. This unit standard will provide the learner with the necessary knowledge to understand how to join parts and how to utilize the necessary operating machines to do so.

### The qualifying learner will be capable of:

- Preparing and setting sewing machines for specific sewing operations.
- Performing basic routine maintenance functions.
- Identifying and preparing and sew product parts.
- Applying safety standards when operating machines.
- Inspecting and disposing of product parts and completing administrative documentation.

## MODE OF DELIVERY

### Classroom & Workplace Experience

#### Classroom sessions involve :

- Basic machine parts, functions, attachments, work aids and tools.
- Machine control methods.
- Health and Safety Procedures and housekeeping practices relevant to the workplace and equipment to be used.
- Basic machine settings - needles, threading, tension control, stitch width and stitch density.
- Basic machine maintenance procedures.
- Techniques of using basic tools.

- Shapes and sizes of product parts.
- Basic sewing methods and time standards.
- Quality standards applicable to machine settings and a range of sewing operations.
- Basic understanding of material, fusing and trim properties, characteristics and behaviour during sewing operations, including right and wrong side, faults, grain, fusing etc.

# ADMISSION REQUIREMENTS

## Learners must be able to

- Speak, read and write in English.
- Do basic mathematic calculations including addition, subtraction, multiplication, division and the calculation of areas, volumes and quantities.

# ARTICULATION POSSIBILITIES

Successful completion of the programme will provide access to a **National Certificate in CLOTHING,TEXTILE, FOOTWEAR AND LEATHER MANUFACTURING PROCESSES.**

# THE PROGRAMME

- The number of machines on which a learner will be assessed will be three, which must include a **single needle lockstitch (flat) machine**, a **safety/overlock machine** and one **specialised machine**.
- Basic maintenance and machine set up functions will include, but not be limited to, **changing needles, changing pressure feet, adjusting tensions, changing and adjusting attachments, cleaning, checking oil levels** etc.
- Four operations can be selected from any flat and safety/overlock operation, performed on any garment type, manufactured in the company where the learner is employed. One operation is to be selected from any one specialised machine.
- **Work aids, attachments, needles** and thread must be appropriate for the selected operations.
- The correct method, time and quality standards for **cleaning, setting up, threading and adjusting the machine must be applied**, as determined by company and recognised industry standards.
- An efficiency level of 80% for each of the five operations must be achieved and maintained for one week.
- The **efficiency level of 80%** may be reduced to 65% in companies producing fashion garments with repeated style changes.
- The correct method, time and quality standards for **joining component parts must be applied**, as determined by company and recognised industry standards.

# CAREER OPPORTUNITIES

Further career development after NQF Level 5 would be based on choices relating to the learner's aspirations:

- Entrepreneurial activities (starting own business).
- Conceptual design of manufactured clothing, textile, footwear and leather products.