

Colour Technologist

Colour technologists work for large manufacturing companies, making colourants (dyes and pigments) for a range of products such as clothing, paints, cosmetics and paper. They source new dyes and create suggested colour ranges.

The Work

You could be:

- sourcing and producing new dyes and pigments
- testing dyes for colourfastness and stability under different conditions
- deciding on the best treatment to suit different types of surfaces
- developing processes for accurate bulk production of dyes
- checking each stage of the dyeing process to ensure quality control
- looking at ways of producing environmentally friendly dyes
- choosing suppliers and ordering stock
- providing technical advice to design, production and marketing staff.

Pay

The figures below are only a guide. Actual pay rates vary depending on:

- where you work
- the size of company or organization you work for
- the demand for the job.

Starting salaries are usually around £17,000 rising with experience to £22,000 and above. Supervisory positions can pay between £30,000 and £35,000.

Conditions

- You would usually work in a laboratory or a factory.
- You would work around 39 hours a week Monday to Friday. You may have to work in shifts and sometimes do overtime.
- The atmosphere may be hot and humid though there will usually be ventilation equipment to deal with fumes.
- You would wear protective clothing.

Getting In

- You will normally need a relevant degree. Relevant subjects include analytical chemistry, applied chemistry, applied physics, chemical engineering, chemistry or textile technology.
- For entry to a degree you would require 4-5 Highers. Chemistry may be required.
- You could get in with a Higher National Diploma (HND) in Applied Sciences. North East Scotland College

offer an HND in Applied Sciences with routes in Biology/Chemistry and Chemistry/Physics.

- For entry to a relevant HND, you would normally require 2 Highers including Chemistry.
- If you want to work with textiles, you might get in at a junior level through a Modern Apprenticeship in Fashion and Textiles Heritage, leading to the Scottish Vocational Qualification (SVQ) Manufacturing Textile Products at SCQF Level 7.

What Does It Take

You need to have:

- a practical and creative approach
- good colour vision for matching shades
- good communication skills
- an interest in chemistry
- good IT skills.

You need to be able to:

- pay attention to detail
- plan and organise work
- work as part of a team or on your own
- take responsibility.

Training

Once you are in a job, you may be able to do one or more of the courses run by the Society of Dyers and Colourists (SDC). These are:

- short professional development courses
- courses to take you through the various levels of their expert-led colour education pathway leading to Chartered Colourist (CCol).

You might also continue your professional development through courses offered by the Textile Institute (TI).

Getting On

- Taking SDC or TI courses may help you to move into a supervisory or management position.
- You could move into research and development.
- You might specialise in the manufacture of dyes and pigments.
- You could move into marketing or quality control.

Contacts

Royal Society of Chemistry

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Website (2): www.rsc.org/careers/future

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Society of Dyers and Colourists

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Textile Institute

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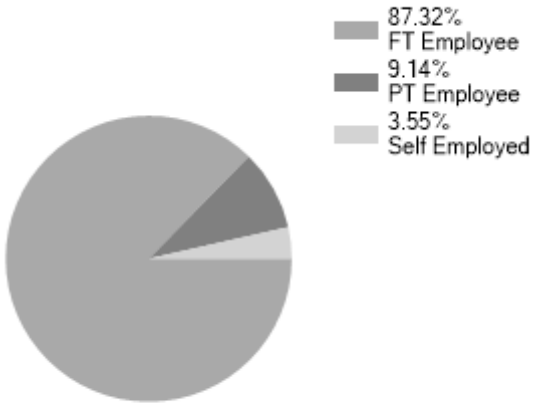
Website: www.textileinstitute.org

Twitter: @textileinst

Facebook: www.facebook.com/TheTextileInst

Statistics

Employment Status UK %



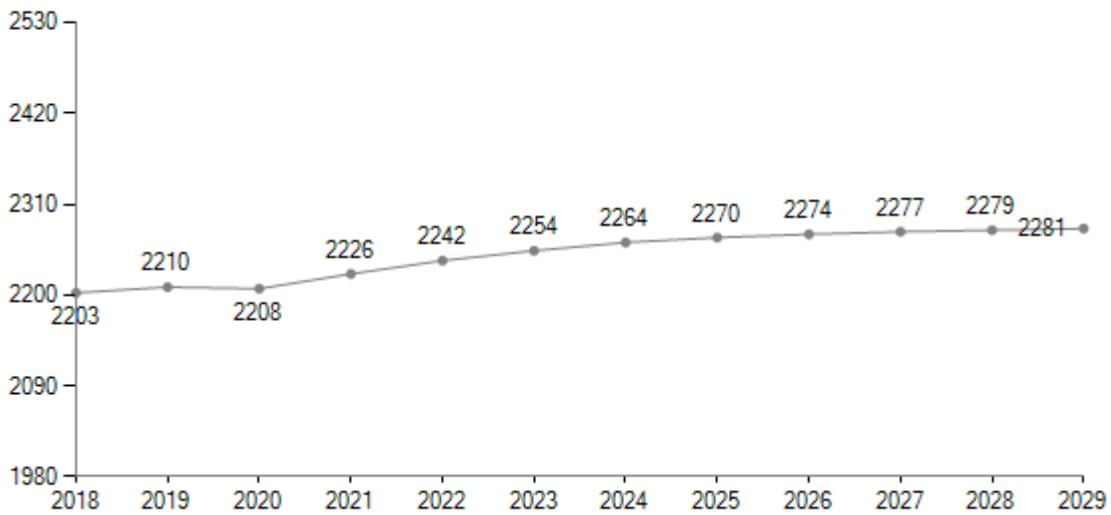
Past Unemployment - Scotland

Date	Unemployed
Dec 2018	0.09%

LMI data powered by [EMSI UK](#)

LMI data powered by [LMI for All](#)

Predicted Employment in Scotland



LMI data powered by [EMSI UK](#)