



society of dyers
and colourists

Textile Coloration Science and Technology

Prospectus 2025



Meeting the Needs of the Industry

Textile Coloration Science and Technology courses provide a unique education pathway designed to meet the needs of the world's textile industry about the science underpinning coloration processes.

All courses are part time. This initial course, leading to the Textile Coloration Certificate (TCC), is a total of 3 years in duration, and provides the perfect precursor towards studying for the Associateship of the Society of Dyers and Colourists (ASDC) our UK honours degree equivalent qualification.

Cognitive and Skill Level

The course is divided into 2 sections with increasing depth and breadth of study:

Part 1: Year 1. This has Level 2* requirements for scientific and cognitive progress
Part 2: Years 2 and 3. This has Level 3* requirements for scientific and cognitive progress building upon Part 1 content.

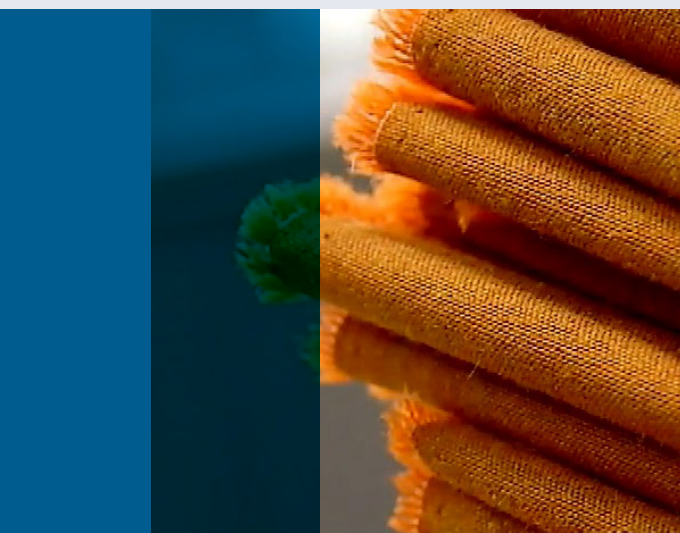
*Based on the appropriate Ofsted knowledge and skills level descriptors.

Course Aims

The overall aims of the course are to:

- Explore the fundamental processes and scientific principles behind textile coloration
- Develop both scientific understanding and personal learning and thinking skills.
- Develop a range of transferrable skills such as decision making, information analysis and written and verbal communication.

Learners from diverse educational and experiential levels can begin this course and leave with the scientific and cognitive abilities for technical development in their respective workplaces.



Access to Learning

The Textile Coloration Science and Technology course offers flexible learning by encompassing fortnightly online lectures, delivered via Zoom, with sessions recorded for learners to access independently for reinforcement and / or revision of live content. It is a requirement, however, that learners access live sessions and interact with the tutor and fellow learners to ask questions and discuss relevant topics.

Programme of Study

Part 1:

Duration: 1 academic year
Content: 2 taught modules, as below, comprising 8 and 12 hours contact time and 32 and 48 hours of independent learning respectively.

Part 1 Modules

F1 – Chemistry Related to Textiles - 8 hours of lectures plus tutorials
F2 – Organic Chemistry Related to Textiles - 12 hours of lectures plus tutorials

Part 2:

Duration: 2 academic years
Content: 3 modules per year consisting of a total of 40 hours contact time and 80 hours independent learning.

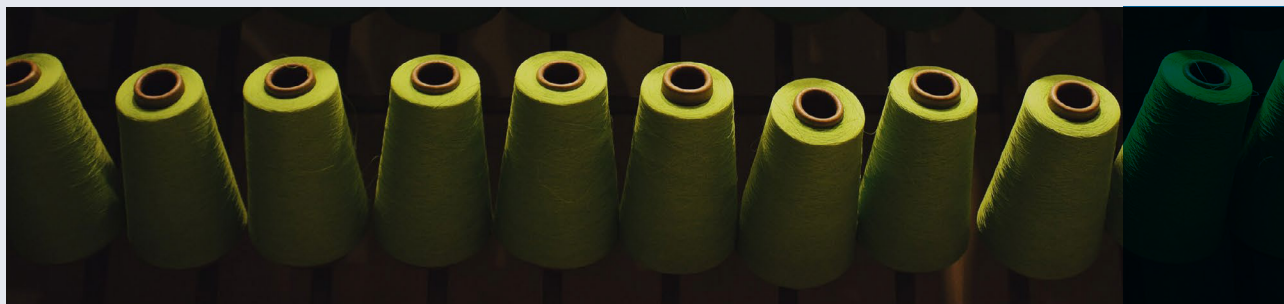
Part 2 Modules

Year 2	T1 Chemistry of Colourants: Cellulosics and Blends T2 Fibre Chemistry T3 Textile Printing
Year 3	T4 Chemistry of Colourants: Protein Fibres and Blends T5 Colour Physics T6 Dyeing Theory

Additional Benefits

1. Access to tutorial support from the course tutor
2. Peer to peer support during sessions and on-line classroom provision
3. Access to online suggested reading material
4. Individual non-voting membership of the SDC.

Details for application for the next academic year are provided at the end of this document.



Assessment

All learners will be examined for each module under invigilated exam conditions.

Year 1

Module F1 70% by examination and 30% assessed coursework
Module F2 is wholly examined
The Foundation Textile Coloration Certificate (FTCC) will be awarded on successful completion of Part 1

Years 2 and 3

Modules T1 (Year 2) and T4 (Year 3) 70% by examination and 30% assessed Modules T2, T3, T5 and T6 are wholly examined.

Successful completion of Parts 1 and 2 leads to the award of the Textile Coloration Certificate (TCC).

There will be an opportunity to re-sit failed exams for each module on maximum of 2 occasions.

Examinations will take place online, in controlled conditions, via Zoom. Assessed course work will be submitted a week prior to the final exam each year of the course.

The award is also dependent upon submission of all required independent study assignments and reflective practice documents although these do not contribute to the final grade.

Although all students are encouraged to, and supported in, completing the full 3 years, some may decide to leave at the end of Part 1 and will be awarded the intermediate FTCC certificate if they have been successful in assessment during that year.

Timetables and course access instructions will be available on acceptance onto the course.

Grading

Textile Coloration Science and Technology Level 2: Part 1 / Year 1
Final grades awarded are an average of the total for Modules F1 and F2
Certificates can be awarded at 3 levels:

50 – 59.9% = Pass

60 – 69.9% = Merit

70 – 100% = Distinction

Students must successfully complete Part 1 before progressing to Part 2 of the course.

Textile Coloration Science and Technology Level 3: Part 2 – Years 2 and 3

Final grades awarded are an average of the total for Modules T1 – T6
Grade boundaries are as for Part 1

The Application Process

Applications should be made via the colour network <https://colour.network/>

Entry Requirements:

1. Grade C /4 GCSE, or equivalent qualification in a science*, particularly chemistry. Other qualifications may be considered and a short interview and /or entry test could be required.
2. IELTS Level 7

Proof of both the above will be required before enrolment on to the course.

Mentoring Requirement

It is a requirement for companies enrolling candidates on the Textile Coloration Science and Technology course to provide details of an employee or employees who can act as a mentor for the candidate. Mentors must be able to provide technical support to the candidate and provide input/advice on assignments.

On acceptance to the course students and mentors will be required to agree and sign a learning contract applicable for the duration of their studies. This will include, but is not limited to, the recognition that all parties will approach teaching and learning with honesty and integrity and that penalties will be imposed should this not be the case.

From a student perspective ...

Why study with the SDC?

“Working as the technical dye instructor for a university, this course has been the perfect way to improve my knowledge of the chemistry behind dyeing. Having had no previous chemistry teaching, it was a helpful introduction into the coloration of textiles and has already greatly improved my practice by expanding my understanding of dyeing when working within an academic team.”

**Alexandra Palmer, Technical Dye Instructor
De Montfort University UK**



“Passing the course gave me a huge sense of achievement and belief in my own ability. To be back in work and be able to pass some knowledge and ideas I learned onto my work colleagues has been very rewarding. Hopefully I can inspire them to push themselves like I did, and maybe try something out of their comfort zone, as I am proof that it can certainly be done with hard work and effort.”

**Michael Dixon, Blending/Dyehouse Manager
Abraham Moon, Guiseley, West Yorkshire, UK**



“I had no formal training in my field, so passing the FTCC has been of benefit in my current job - especially when it comes to leading and giving advice to problem solving. It has encouraged me to move on to better things and acquire further in-depth knowledge about dyes, fibres and related processes through the TCC. I have thoroughly enjoyed learning, even though it is not easy to balance work, family life and education.”

**Mbiri Tsabola, Dyehouse Manager
Kadoma Textiles, Zimbabwe**





Application Details

Part 1: Year 1

Duration: **September – June**

Application deadline: **30th June**

Cost: **£1605**

Progression:

Students will be eligible to enrol on Part 2 of Textile Coloration Science and Technology course on successful completion of Year 1.

Part 2: Years 2 and 3

Duration: **September – July**

Application deadline: **30th June**

Cost: **£2675 per annum**

The online application form can be found at: <https://colour.network/>

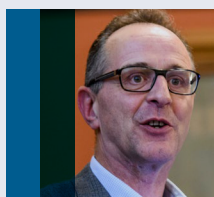
For further information please contact:

Dr Sue Hulbert sueh@sdcc.org.uk 01274 761773

Joe Heavey faisalK@sdcc.org.uk 01274 761776

Andrew Filarowski andrewf@sdcc.org.uk 01274 761777

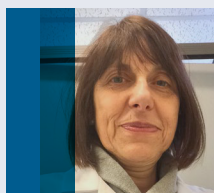
SDC Academic Team



Andrew Filarowski CCol ASDC
Technical Director

Andrew is the Technical Director of the Society of Dyers and Colourists and has over 20 years international experience of textile and business management in the textile industry. A graduate of Leeds University in Textile Chemistry, he began his career with Sandoz in auxiliaries and finishes carrying out comparative studies on products in the laboratory and in bulk at customers.

In his current position he is responsible for the development of the Society's international training courses. He is the secretary to BSI Colour Fastness and Colour Measurement committee TCI/81 and its mirror committee in ISO TC38. He is also instrumental in ensuring the Society maintains its position in the field of education in textile coloration and has responsibility for the internationally acclaimed publication the Colour Index. He ensures that the Society remains a technical professional body through its publications, seminars and conferences and continues to be relevant for professionals involved in the coloration industry.



Dr Sue Hulbert
Education Manager

Sue is the Education Manager of the Society of Dyers and Colourists. Her extensive background in education, developing and delivering science from KS1 to PhD level, and industrial experience, provides her with a unique platform on which to help students develop not only their knowledge but other key skills required in the workplace.

She is a graduate of the University of Leeds where she attained her BSc, PhD and PGCE. In scientific terms, Sue is essentially a Biochemist and, in teaching terms, a specialist in independent learning and assessment having spent 7 years as a school-based consultant in secondary and further education. She is also an independent assessment advisor, examiner and moderator at levels 2-6. She also brings her e-learning experience to the development of professional coloration courses available through the SDC via the VLE.



The SDC reserves the right to alter the dates but will endeavour to keep to these to ensure continuity of learning and planning for the employers. The SDC reserves the right to adjust the pricing of courses.

Details of the learning objectives, content and learning outcomes will be available on the SDC website for employers to access and also to aid the candidates in their learning.

Employers will be able to assess their employees through their change in attitude and work ethic and will also have access to the SDC team for further feedback on modules.

As this course is written with the industry your feedback is vital for the SDC to be delivering a course that provides you as employers and the candidates with the necessary information.

Copyright © 2022 Society of Dyers and Colourists. All rights reserved. No part of this publication may be reproduced, stored in a retrieval system or transmitted in any form or by any means without the prior permission of the copyright owners.

Published by the Society of Dyers and Colourists, Perkin House, Longlands Street, Bradford, West Yorkshire, BD1 2PW, England.