

## Level 3 Extended Diploma in Applied Science

Location	Stretford Campus
Course Type	College 16-18
Department	Science & Pharmacy
Start Date	Monday 2nd September 2024
Course Code	TFP-SC3N-1100

## Course Overview

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This course is designed to improve the career prospects of people with interests in the field of Science and Technology.

Areas of study include: Scientific Principles; Workplace Practices; Mathematics & Statistics for Science; Genetics & Genetic Engineering; Electric Circuits and their Applications; Role of a Science Technician; Human Physiology; Microbiology Techniques; ICT & Laboratory MIS; Chemical Laboratory Techniques; Laboratory Organisation; Application of Chemical Reactions; Industrial Application of Organic Chemistry

The suite of laboratories for work in this area includes:

Physics laboratory

Chemistry laboratory

Biology laboratory

Instrumental Analysis laboratory

## Course Requirements

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4 GCSE's at Grade 4 or above (including maths and/or English Language).

## What You Will Learn

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The course uses a combination of assessment styles including examinations and coursework to give students confidence that they can apply their knowledge to succeed in the workplace.

You will have the opportunity to be innovative, research new possibilities, make breakthroughs and improve our understanding and knowledge of the world.

Our highly-trained team of subject specialist teachers will support students in preparing for four examined units. Students gain valuable organisational, time management and study skills to equip them well to continue learning on higher education courses and throughout their career.

## Assessment

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Units are monitored by continuous assessment and through examinations sat within the college year.

## Progression

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Employment within industry in a technical or administrative capacity

Higher Education at University for Degree or Higher National Diploma courses in a Science related course

## Career Options

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Career options once you've completed your studies with us include: Laboratory Research, Radiography, Nursing, Chemical Engineering, Pharmacy, Teaching

## Mandatory Units

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The Applied Science course covers a variety of general units from across all sciences, through to more specialised units like astrophysics, microbiology and industrial chemistry

## Contact Details

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For further information please contact T: 0161 886 7070 or E: [info@trafford.ac.uk](mailto:info@trafford.ac.uk)

## Disclaimer

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Although every care has been taken to ensure that the information contained within this document is accurate, there may be changes to this programme and provision. We will endeavour to keep prospective and current students updated where appropriate and when the information becomes available.