

T LEVEL SCIENCE PROFESSIONAL COMPETENCE LOG

By choosing to study T Level Science you are on your way to developing the knowledge, skills and behaviours required for a career in science.

WHAT IS PROFESSIONAL REGISTRATION?

The Science Council recognises excellence in the practice of science by awarding Registered Science Technician (RSciTech) to experienced technical scientists. The RSciTech professional award has been developed to incorporate the key professional attributes valued by employers; it is a quality mark that demonstrates commitment to the highest standards in the practice of science.



WHAT ARE THE BENEFITS OF PROFESSIONAL REGISTRATION?

- ✓ Recognise your experience, expertise, and commitment in your chosen scientific field of practice.
- ✓ Provide connections to a broad community and network of scientists, working in a variety of disciplines.
- ✓ Help to plan and progress your future career, with a structured framework for goal setting.
- ✓ Showcase your dedication to upholding professional standards to employers, colleagues, and clients.

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I achieved my RSciTech award in January 2021 and to know that I have been deemed competent against an international standard for scientists by a professional body is amazing! It has boosted my confidence in myself and my work and it's also reassuring for my colleagues to know that they can trust me to deliver work to a certain standard, meaning I gain even more experience. It has really motivated me to keep learning and furthering my professional development and the feeling of being accredited is really rewarding.

Megan Black RSciTech, Materials and Analytical Support Scientist

HOW WILL THE T LEVEL PROFESSIONAL COMPETENCE LOG HELP YOU?

Completing this document as you go through your T Level will give you a head start on your path towards RSciTech by increasing your understanding of the competences and the types of evidence required. This record of your professional development will also help you to stand out when you're applying for a job, apprenticeship, or further study, as you will be able to use the examples recorded here as you prepare to take your next steps.

The table overleaf sets out the competences that are required for the award of RSciTech, which you may be eligible to apply for after completing your T Level and gaining sufficient professional experience. This document allows you to record tasks and activities from your T Level journey that link to these competences.

Competence (examples of evidence below table)	Task/Activity (experience from lessons/Industry Work Placement)	Role played (personal contribution made to the task or activity)
A Application of knowledge and understanding	<p>A1: Apply knowledge of underlying concepts and principles associated with area of work.</p> <p>A2: Review and select appropriate scientific techniques, procedures and methods to undertake tasks.</p> <p>A3: Interpret and evaluate data and make sound judgements in relation to scientific concepts.</p>	
B Personal responsibility	<p>B1: Work consistently and effectively with minimal supervision to appropriate standards and protocols and know when to escalate appropriately.</p> <p>B2: Demonstrate how you apply safe working practices.</p> <p>B3: Take responsibility for the quality of work and the impact on others.</p>	

Competence (examples of evidence below table)	Task/Activity (experience from lessons/Industry Work Placement)	Role played (personal contribution made to the task or activity)
C Interpersonal skills	C1: Demonstrate effective and appropriate communication skills	
	C2: Demonstrate effective interpersonal and behavioural skills.	
	C3: Demonstrate an ability to work effectively with others.	
D Professional Practice	D1: Recognise problems and apply appropriate scientific methods to identify causes and achieve solutions.	
	D2: Demonstrate how you use resources effectively.	
	D3: Participate in continuous process improvement.	

Competence (examples of evidence below table)	Task/Activity (experience from lessons/Industry Work Placement)	Role played (personal contribution made to the task or activity)
E Professional Standards	E1: Comply with relevant codes of conduct and practice. E2: Maintain and enhance competence in own area of practice through professional development activity.	

Competence	Task/Activity	Role played
A1	Keeping lab equipment calibrated so it is ready for use when needed.	Personally maintain equipment, noting repairs if needed and passing to my supervisor.
B3	Researching best way to run practical experiments (in lessons) to ensure best results.	Personal desk research, working on own experiments to deliver best results in lessons.
C1	Communicating effectively with medical staff who need results from our lab.	Wrote a script to ensure everyone who answers the phone asks for the correct information.

FIND OUT MORE

Use the QR code to learn more about RSciTech status, eligibility, the application process, case studies of registered science technicians and the professional benefits you can expect, please refer to the Science Council website.



RSciTech
Registered
Science Technician



T-LEVELS
THE NEXT LEVEL QUALIFICATION