

<b>Position Title</b>	STEM Educator
<b>Portfolio</b>	Corporate Services
<b>Division</b>	Tech School Project
<b>Department/Cost Centre</b>	Tech School Project - 03110
<b>Classification</b>	PACCT Level 7
<b>Position Number/s</b>	103133
<b>Reporting to</b>	Head of Programs – South West Tech School
<b>Supervises</b>	Nil

## Who is South West TAFE?

We bring innovative education and industry insider knowledge together to power talent for tomorrow.

South West TAFE is where practical skills meet real opportunity. With over 150 industry-aligned courses, we help people build the confidence and capability they need to step into their future — whether that's a new job, a career change or further study.

SWTAFE campuses are situated on the lands of the Gunditjmarra, Kirrae Whurrong, Gulidjan peoples of the Eastern Marr nation, and the Tjap Wurrong and Bunganditj peoples. They are located throughout southwest Victoria in Warrnambool, Hamilton, Portland, Colac, Sherwood Park and a further delivery site at Glenormiston. They offer modern facilities, expert trainers and strong connections to local industry—so learning stays relevant, hands-on and flexible.

We're not just keeping up — we're staying ahead. And we're proud to be part of a region that's growing, evolving and inspiring change.

## Division Overview

The South West Tech School is a State Government key initiative in establishing Victoria as the Education State, where all Victorians can access high-quality education and training, regardless of their background, circumstances or postcode. As a centre of science, technology, engineering and mathematics (STEM) excellence, the South West Tech School will engage students from 26 partner schools in a high-tech learning environment that connects schools and industry in contemporary learning programs that challenge students to solve problems in a real-world context.

Programs focus on preparing students for a changing world, strengthening employability skills and linking the focus of secondary education to growing industries within the region as well as giving students a taste of higher education and potential career pathways.

## Position Overview (Your Opportunity)

The STEM Educator leads the design, delivery and continuous improvement of innovative, technology-rich STEM programs that engage secondary students in hands-on, inquiry-driven learning. The role collaborates with teachers, industry and community partners to co-develop curriculum-aligned programs, enhance student pathways, and build teacher capability through professional learning. Responsibilities include facilitating onsite, mobile, virtual and in-school programs; modelling contemporary pedagogies; and maintaining safe, inclusive learning environments. The Educator contributes to strategic initiatives, resource development and stakeholder relationships to strengthen Tech School offerings and inspire student engagement in future-focused STEM skills.

## Key Accountabilities

All South West TAFE staff are required to act and work in the best interest of the organisation, as such every staff member has accountabilities to uphold for both their position and the wider organisation,

These accountabilities include but are not limited to:

### Your Position

- Design and deliver technology-rich, curriculum-aligned STEM programs for secondary students.
- Lead facilitation of onsite, in-school, virtual and blended STEM learning experiences.
- Collaborate with teachers, industry and community partners to co-design programs and learning resources.
- Support development and delivery of teacher professional learning and communities of practice.
- Build and maintain positive partnerships with schools, industry and Tech School networks.

- Contribute to planning, review, evaluation, and continuous improvement of STEM programs.
- Ensure compliance with Child Safe Standards, OHS, and organisational policies.
- Develop communications including social media, newsletters, research articles and public-facing materials.
- Manage equipment, materials and program resources effectively and safely.
- Promote innovative pedagogies and model best-practice STEM teaching.

## **Your Organisation**

- Recognise areas in which guidance and support is required from the Manager and seek appropriate assistance
- Keep up to date with relevant industry information and best practice
- Comply with internal policies and procedures including the Code of Conduct
- Demonstrate the organisational values on a daily basis and proactively seek to maintain a healthy and safe work environment
- Commit to access and equity principles in carrying out work functions
- Actively participate in the organisation's Achievement Development Programme (ADP)

This position description describes in general terms the normal duties which the position is expected to undertake. However, the duties described may vary or be amended from time to time without changing the level of responsibility.

## **Key Selection Criteria (Key to Success)**

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Successful candidate will demonstrate the best combination of the following characteristics:

### **1. STEM Pedagogical Expertise**

- Demonstrated experience designing and delivering innovative, technology-rich STEM or STEAM programs aligned to the Victorian Curriculum.
- Proven ability to apply contemporary, evidence-based pedagogies, including inquiry learning, design thinking, and project-based learning.

### **2. Program Design and Delivery**

- Experience developing high-quality learning resources, curriculum materials, and program documentation.
- Ability to facilitate engaging onsite, in-school, virtual and blended learning experiences for diverse learners.

### **3. Industry and School Engagement**

- Proven ability to build and maintain effective relationships with schools, teachers, industry partners and community stakeholders.
- Experience co-designing learning experiences in collaboration with teachers, industry, tertiary institutions or community organisations.

### **4. Professional Learning & Collaboration**

- Demonstrated capability to lead or contribute to teacher professional development, networks and communities of practice.
- Strong teamwork skills with the ability to collaborate within multidisciplinary environments.

### **5. Technical Capability**

- Proficiency with STEM-related technologies (e.g. VR/AR, robotics, digital fabrication, coding, media production, advanced manufacturing tools).
- Ability to apply ICT effectively and safely in teaching and learning environments.

### **6. Communication and Interpersonal Skills**

- Excellent written and verbal communication skills, including the ability to adapt messaging for students, teachers, partners and wider audiences.
- Ability to contribute to public-facing communications such as social media, newsletters, presentations or research pieces.

### **7. Organisation, Initiative and Continuous Improvement**

- Strong planning, coordination, administrative and project management skills.
- Demonstrated ability to work independently, show initiative, solve problems and contribute to continuous improvement cycles.

### **8. Inclusive and Safe Practice**

- Commitment to creating safe, inclusive, engaging environments for all learners.
- Understanding of diverse learner needs and ability to adapt teaching strategies accordingly.

## Qualifications and Requirements

### *Mandatory requirements*

- Relevant tertiary qualification in education; or demonstrated experience in a related discipline
- Working with Children Check and a satisfactory Police Check

### *Highly desirable requirements*

- Current Victorian driver's licence
- Current VIT registration
- Formal qualifications in STEM, engineering, design, or related disciplines
- Demonstrated content knowledge and pedagogical practice to meet the diverse needs of all students
- Exemplary pedagogical ability, including use of high impact teaching strategies
- Experience designing or developing multimedia learning resources and digital content
- Engage in critical reflection of their practice and support colleagues to expand their capacity
- Provide advice about the content, processes and strategies that will shape innovative education programs
- Experience building industry, school, or community partnerships to enhance STEM programs

## Additional Information

- South West TAFE supports Equal Employment Opportunity and are committed to make diversity, equality and inclusion part of everything we do – from how we develop and deliver our courses, to how we build our diverse workforce. We actively encourage applicants from all backgrounds to apply
- South West TAFE is a child safe organisation focusing on the wellbeing and inclusion of children and young people
- Position, requirements, classification skill level required and conditions in accordance with the Victorian TAFE PACCT Staff Agreement 2025
- Statements included in this Position Description are intended to reflect in general the duties and responsibilities of this position and are not to be interpreted as being all inclusive
- SWTAFE may alter this Position Description if and when the need arises to best suit the operation requirements of the position
- Any member of SWTAFE may be required to work at any site dependent upon business needs

	<b>Authority level</b>	<b>Name</b>	<b>Date</b>
<b>Prepared by</b>	Recruiting/Hiring Manager		
<b>Approved by</b>	Department Executive Manager		
<b>P&amp;C review</b>	People & Culture		
<b>Agreed by</b>	Employee		