



**ST PATRICK'S**  
Technical College

YEARS 10-12

# PROSPECTUS



**“WE ARE  
UNIQUE**

YR 10-12  
EDUCATION  
TRAINING  
APPRENTICESHIP  
PATHWAYS

”



**“WE ARE  
UNIQUE**

Our students are inspired  
to use their unique gifts  
and talents to discover they  
really are capable learners.”

“We recognise that students learn differently and the skills they learn through a trade will serve them well for the rest of their life.”

## WELCOME TO ST PATRICK'S TECHNICAL COLLEGE

Every student who attends St Patrick's Technical College is amazingly gifted and talented. Our focus is to provide a different style of education from that of mainstream schools, accommodating students who love to work with their hands and helping find a pathway they are passionate about.

Our students are inspired to use their unique gifts and talents to discover they really are capable learners. With a new sense of hope and value, this encourages them to be thriving young adults with the confidence to go out and develop meaningful and lifelong pathways to successful employment and future industry leadership.

St Patrick's Technical College provides students with the education, training, real-life personal experiences and employability skills that employers crave for, setting them up for positive job prospects into the future.

The College is closely partnered with and guided by industry. We are a school that is connected and responsive to industry and completely innovative in its model around work experience, school based apprenticeships, VET and the SACE.

Learning and education is a lifelong process. We recognise that students learn differently and the

skills they learn through a trade will serve them well for the rest of their life.

I invite you to explore vocational education, hands-on learning and flexible study options available at St Patrick's Technical College, to skill and prepare secondary school students for jobs now and of the future.

**Danny Deptula**  
Principal





## A PLATFORM FOR CHANGE AND POSITIVE IMPACT

St Patrick's Technical College opened its doors with 110 students in January 2007 as the Australian Technical College, Northern Adelaide, an initiative of the Australian Government in partnership with Catholic Education SA and the Northern Adelaide Industry Consortium. The College then moved to its current \$15 million purpose-built facility, and in July 2009 its governance passed directly to Catholic Education SA and was renamed St Patrick's Technical College.

Today the College's positive social and economic impact can be seen throughout northern Adelaide and the broader South Australian community. St Patrick's Technical College has travelled the journey of change and has become a purpose driven leader in vocational education. This is testament to its willingness to embrace change for the benefit of its students.

Since opening in 2007, the College has assisted hundreds of young people in making the transition from school to employment through an apprenticeship or traineeship. In addition to apprenticeship outcomes, graduates also go on to further study or successfully find employment immediately following their time at the College. The employability skills built into every part of the College's programs play a significant role in this successful transition to further study or the workplace.

As a purpose-built trade training College offering education, training and apprenticeship pathways to Year 10 to 12 students, St Patrick's Technical College's main charter is to assist students in completing senior secondary school while concurrently undertaking vocational education and training studies, either at school or with an employer through an apprenticeship or traineeship.

### REAL WORKPLACE EXPERIENCE

St Patrick's Technical College's purpose-built facility, located within the industrial and economic hub of Elizabeth, includes industry-equipped workshops and classrooms for students' pre-vocational studies. The College boasts teachers who hold trade qualifications and have extensive hands-on industry experience. They are supported by a full-time Apprenticeship and Traineeship Manager and a VET Manager. This ensures an authentic learning experience for students in a real workplace atmosphere.

Learning a trade at St Patrick's Technical College guarantees you will be working in industry-standard workshops with the latest technologies, equipment and tools. Students also have access to a gymnasium, fully equipped lunch room and a number of flexible learning areas providing spaces for independent or collaborative learning and relaxation.

The College aims to create a real workplace experience for students, fostering direct links to industry and employers. Students are exposed to the world of work through an extensive work experience program, providing them the opportunity to go out and experience the real workplace, understand what it means to be work ready and to then prepare themselves to be work ready. These experiences also enable students to gain valuable exposure and vast networking opportunities to a broad range of industries which assist with career pathway exploration, upskilling opportunities and employment outcomes.



## VALUED, PARTNERED AND GUIDED BY INDUSTRY

St Patrick's Technical College regularly hosts industry leaders and employers to provide mentoring and project development to students and staff. Industry help to guide the curriculum that is developed and support the way it is delivered so student and staff experiences remain relevant to the trades and with what is happening in the real world.

This establishment of long-term partnerships between industry, employers, government and training providers, affords students the opportunity to engage with the world of work and better understand the relevance of their learning and post-school pathways.

Working with such an extensive and relevant industry network also enables the College to jointly develop the skills and capabilities required by current and future workplaces that are critical in helping students to successfully secure an apprenticeship or traineeship.

The College's partnership with industry allows it to respond to current and future trade-based skill shortages. These unique partnerships enable industry to guide and advise on the development of relevant learning experiences and to deliver projects, in conjunction with our staff, which target specific VET skills and knowledge for our students.

To further demonstrate the value industry places on the College and its students, more than \$10,000 in prizes are donated from associated businesses and organisations to recognise our award winners at the College's Year 12 Graduation & Awards Dinner.





## STUDENT CENTRED

St Patrick's Technical College's values and offerings emanates from our nature as a Catholic school. At the heart of being Catholic is the call to welcome all people. The College brings this vision alive through building a community where young people are valued and supported as they learn and grow together.

St Patrick's Technical College is genuinely interested in helping young people navigate their senior secondary years. The success of every student is not only measured by their academic and job outcomes, but students leave our College as well-rounded, caring adults that contribute in a positive way to our society. The student is at the centre of all College activities, as we believe

in the importance of nurturing their physical, social, moral and spiritual needs in a safe learning environment.

Students are provided opportunities to actively participate in the College community and to authentically contribute their ideas to enhance their learning, connectedness, safety and wellbeing. The College takes a personalised approach to each student's educational experience. The commitment to the pastoral care of every student is supported by a Pastoral Care Mentor who plays an important role in caring and supporting students at the College by creating and nurturing positive and mutually respectful relationships with them and their families.

Through its service, the College reaches out, welcomes, values, provides hope and opportunities and inspires young people to use their unique gifts and talents for meaningful and lifelong pathways to employment. The staff and students grow and mature together by genuinely understanding the needs of the other. Combined with teachings on social justice and the dignity of work, the College empowers young people to fully engage with learning, enabling them to flourish and become our industry leaders of tomorrow.

“The curriculum integrates learning from the Australian Curriculum, VET and SACE Stage 1 and 2 subjects across Years 10, 11 and 12.”

## REAL LEARNING

St Patrick's Technical College is committed to providing a contemporary, quality and engaging curriculum, ensuring all students can develop independence and experience success in their learning. Preparing young people for the transition from school into careers and ongoing learning is a key priority.

The curriculum integrates learning from the Australian Curriculum, VET and SACE Stage 1 and Stage 2 subjects across Years 10, 11 and 12. The SACE has evolved to provide students with more flexibility to undertake learning that reflects their interests, skills and career goals, using a combination of SACE subjects, VET, community learning, university and TAFE studies. The College develops the SACE courses and subjects it offers ensuring there is a specific trade focus in each subject studied.

### INNOVATIVE STRUCTURE AND DELIVERY

St Patrick's Technical College offers great flexibility in its curriculum and timetabling to support and recognise the importance a wide variety of learning experiences plays in the development of students. The College maximises the use of SACE framework subjects to create subject specific content relevant to the changing demands of the trade courses it offers.

SACE subjects, including core Language, Literacy, Numeracy and Digital Literacy (LLND) programs,

are specifically developed and delivered within a VET context. This unlocks learning for many different types of students and helps those who are not strong academic learners to thrive. So, it is through the VET courses that the College makes SACE accessible for many of its students. Theoretical concepts taught in the classroom are applied practically in the workshop, providing real learning outcomes as required in the workplace.

### TRADE RELEVANT SACE CURRICULUM

The SACE curriculum at St Patrick's Technical College has been developed specifically to support the pre-vocational training. Our educational model allows for the complete integration of SACE with VET, with core subjects taught in a way that makes them relevant to each specific trade program. These subjects have been developed with direct input from industry.

With its extensive connections to industry, the College actively seeks out opportunities for industry to be involved in classrooms and workshops to support VET. Industry partners come in to co-author and deliver projects in conjunction with College staff, targeting specific VET skills and knowledge for students. Industry partners mentor students and staff and commit to take on students for work experience, providing apprenticeship opportunities where they may be on offer.

# YEAR 10 TO 12 CURRICULUM SUMMARY

YEAR 10	YEAR 11	YEAR 12
<b>ENGLISH</b>		
<b>Communications</b> Essential English	Essential English	Literacy capability embedded in all subjects
<b>MATHEMATICS</b>		
<b>STEM</b> Essential Mathematics	Essential Mathematics	Numeracy capability embedded in all subjects
<b>HUMANITIES AND SOCIAL SCIENCES</b>		
<b>Foundations</b> Integrated Learning: History and Skills for Life	Integrated Learning: Skills for Life	
<b>HEALTH AND PHYSICAL EDUCATION</b>		
Pastoral Care Program Health and Physical Education Food and Independent Living	Pastoral Care Program Health and Wellbeing	Pastoral Care Program Community Connections: Health and Wellbeing
<b>SCIENCE</b>		
<b>STEM</b> Scientific Studies	Scientific Studies	Integrated Learning: Trade Preparation
<b>TECHNOLOGIES</b>		
<b>Trade Applications</b> Automotive and Metal Applications Construction Industry Trade Applications	<b>Industry Connections</b> Automotive Trade Applications Construction Trade Applications Electrical and IT Trade Applications Food & Hospitality Trade Applications Hair & Beauty Trade Applications Metal Trade Applications Plumbing Trade Applications	<b>Industry Connections</b> Automotive Trade Applications Construction Trade Applications Electrical and IT Trade Applications Food & Hospitality Trade Applications Hair & Beauty Trade Applications Metal Trade Applications Plumbing Trade Applications
<b>WORK STUDIES</b>		
<b>Work Ready</b> Exploring Identities and Futures Career Education Industry Visits Work Experience Workplace Practices	VET/Apprenticeship Work Experience Workplace Practices Research Project A <u>or</u> Activating Identities and Futures	VET/Apprenticeship Work Experience Workplace Practices Integrated Learning: Trade Preparation
<b>VETRO or SBAT Training Contract</b>	<b>VETRO or SBAT Training Contract</b>	<b>VETRO or SBAT Training Contract</b>
White Card Learning from - Certificate II in Skills for Work and Vocational Pathways embedded in Essential Learning and Work Ready Programs to meet VETRO requirements	First Aid Training Certificate II in Cookery Certificate II in Salon Assistant Certificate II in Retail Cosmetics Certificate II in Automotive Servicing Technology Certificate II in Construction Pathways Certificate II in Electrotechnology Certificate II in Engineering Pathways Certificate II in Plumbing Certificate III in Information Technology	Trade Skills Program Certificate III in Beauty Services (partial) Certificate III in Information Technology





## COMMENCING IN **YEAR 10**

We understand Year 10 is a crucial year in the life of a secondary student. Year 10 at St Patrick's Technical College introduces students to a new level of educational excellence, producing higher quality and trained pre-vocational students who are ready for the world of work and further tertiary education.

The College's unique and flexible model of schooling caters for the needs and interests of each student, thus allowing students to fully immerse themselves in their learning. Providing Year 10 students with the opportunity to engage with the right curriculum,

in the right environment, with the right amount of pastoral care, will allow students to flourish and enhance the chances of their long-term achievement.

Year 10 at St Patrick's Technical College is a foundation, exploration and discovery phase. Students will enter a rapidly evolving world of work where they will need the skills to navigate an increasingly complex range of options and pathways into work, further education and training.

The Year 10 curriculum focuses on building students' skills and general capabilities, beginning a journey

that assists them to find accurate and reliable careers information and advice on learning, training and work pathways. By matching a student's education choices with their desired career choice, students will be able to make more informed careers decisions, leading them to a direct pathway into their desired occupation.

Through the comprehensive Year 10 career exploration program, students in Year 10 at St Patrick's Technical College will receive preference for their Year 11 trade course.



## STEM

### P-TECH

In 2017, St Patrick's Technical College became South Australia's first and only P-TECH (Pathways in Technology) school. P-TECH is an exciting opportunity for secondary school students to explore the world of science, technology, engineering and mathematics (STEM).

The P-TECH program aims to provide an industry supported pathway for young people to achieve a qualification that strengthens their employment prospects. Working in partnership with schools and tertiary education providers, industry has a direct hand in developing project-based learning for students to ensure skills being taught in the classroom align with those that are actually required by employers.

Partnerships between the College and industry provide opportunities for students to engage with the world of work and better understand the relevance of their learning to STEM qualifications, local employment opportunities and post-school pathways. Our current P-TECH partners include TAFE SA, Defence Teaming Centre, Saab Australia, BAE Systems, DXC Technology, Century Engineering, and Master Plumbers SA.

### ADVANCED TECHNOLOGY PROJECT

The Advanced Technology Project (ATP) combines secondary school studies that have a specific focus on high level mathematics and science with highly technical VET as part of the SACE.

The ATP supports the College with STEM related projects, including VEX Robotics, Subs in Schools, Lego Technics Solar-Powered Car and a welding to Australian Standards project with Century Engineering. The ATP is also a valuable resource for teachers to engage and further strengthen industry partnerships.



# APPRENTICESHIPS

St Patrick's Technical College works with an extensive network of employers, industry associations and group training organisations to source and promote opportunities for students to start their trade careers through an apprenticeship or traineeship. These employment pathways provide an individual with the opportunity to learn real skills in the workplace while completing a nationally recognised qualification and earning a wage.

The College has a primary focus on helping students succeed through an apprenticeship, traineeship or study pathway. Although

an apprenticeship cannot be guaranteed, our Apprenticeship and Traineeship Manager will source and promote opportunities, working with students, families and employers to assist in increasing their chances of success.

Students who successfully gain an apprenticeship will either remain enrolled at the College, completing their Year 10, 11 or 12 SACE requirements as a School Based Apprentice or Trainee (SBAT), or will choose to exit the College due to gaining a Full-time Apprenticeship.

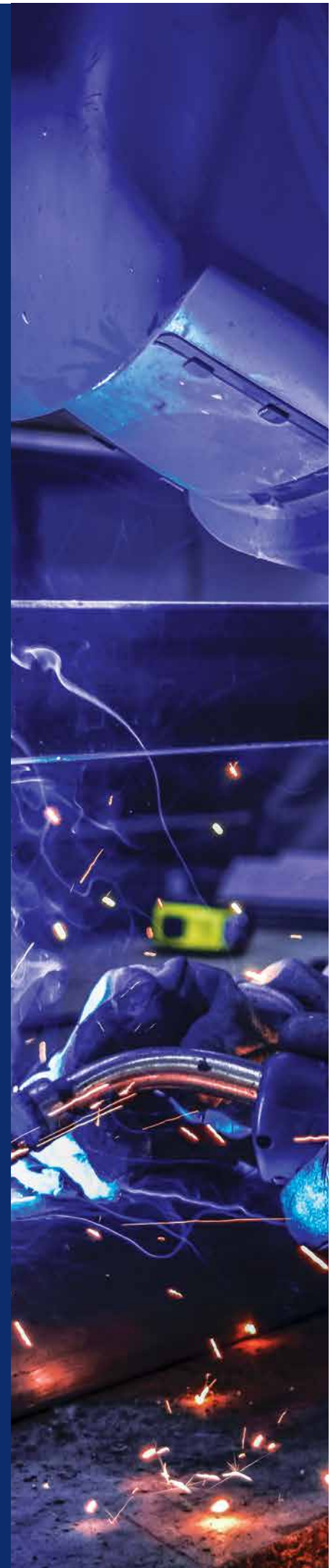
## SCHOOL BASED APPRENTICESHIPS

A School Based Apprenticeship or Traineeship (SBAT) is where students start working on an apprenticeship or traineeship (paid employment) while remaining enrolled at the College to complete their SACE requirements. SBATs are a great way to earn and learn, gain workplace skills and get a head start in a career.

St Patrick's Technical College takes pride in its unique SBAT model. The College works with the student and their employer to provide a flexible timetable, accommodating both the SACE and apprenticeship requirements.

In Year 10 and 11, apprentices work with their employer in a part-time capacity, and if required, increasing their working hours during school holidays. Year 12 apprentices work to a full-time capacity, spending up to a minimum of 42 weeks at work and returning to the College for a maximum of 6 weeks to complete their SACE requirements.

The College's dedicated Apprenticeship and Traineeship Manager is available to provide support and assistance throughout the process, making the transition a seamless process for all parties involved.





# VET COURSES

Year 11 and 12 students participate in a range of trade preparation VET courses which are offered as an integral part of the curriculum and contribute towards the achievement of the SACE. Trade preparation VET courses provide pathways into apprenticeships and traineeships through which students gain tertiary qualifications.

The trade training students experience can act as a bridge between school and entry into further tertiary qualifications. Certificate II and III qualifications are achieved by satisfactory completion of the required number of competencies in nationally accredited courses. Each competency has an allocated number of nominal hours required to successfully achieve the competency. These hours are transferred into credits for achieving the SACE.

Students undertaking VET courses:

- gain practical and employability skills that employers recognise;
- gain credit transfer and/or advanced standing into other training courses;
- make valuable contacts with employers;
- prepare themselves for the world of work;
- can gain a nationally recognised vocational qualification in addition to their SACE.

Registered Training Organisations (RTO's) are responsible for the quality of accredited training and assessment provided and for the issuing of all qualifications and statements of attainment.

AIOH RTO CODE: 40138  
ATEC RTO CODE: 0022  
MTA RTO CODE: 2293  
PEER RTO CODE: 45744  
TAFE SA RTO CODE: 41026







“The trade training students experience can act as a bridge between school and entry into further tertiary qualifications.”





# AUTOMOTIVE

Certificate II in Automotive Servicing Technology AUR20520

Get the skills to identify, inspect and perform basic repairs to the mechanical and electrical components of light and heavy vehicles, outdoor power equipment, bicycles, marine craft and motorcycles. This entry-level qualification is designed to help you build a foundation of basic knowledge to help you prepare for a career in the automotive industry.

## POSSIBLE CAREER PATHWAYS

This qualification reflects the role of individuals who perform a range of servicing tasks in the automotive retail, service and repair industry.

- Automotive Electrician
- Engine Reconditioner
- Exhaust Fitter and Repairer
- Heavy and Light Vehicle Motor Mechanic
- Panel Beater

## EXAMPLES OF COURSE UNITS

- Identify basic automotive faults using troubleshooting processes
- Inspect, test and service batteries
- Carry out servicing operations
- Inspect and service braking systems
- Inspect and service cooling systems
- Inspect and service steering systems
- Inspect and service suspension systems
- Inspect and service engines
- Use and maintain measuring equipment in an automotive workplace
- Inspect and service final drive assemblies
- Inspect and service manual transmissions
- Balance wheels and tyres



MTA (RTO Code 2293) and TAFE SA (RTO Code 41026) are responsible for the quality of accredited training and assessment provided and for the issuing of all qualifications and statements of attainment for this course.







# CONSTRUCTION

Certificate II in Construction Pathways CPC20220

The Construction program provides theory and practical skills required by the building and construction industry. Students develop skills in both carpentry (including steel framing) and wet trades (bricklaying, plastering and tiling). The program also provides an introduction to allied industry trades including flooring, glazing, painting, cabinetmaking and civil construction.

## POSSIBLE CAREER PATHWAYS

This qualification provides a pathway to the primary trades in the construction industry with the exception of plumbing. Trade outcomes are predominantly achieved through an Australian Apprenticeship.

- Bricklayer
- Cabinetmaker
- Carpenter
- Civil Construction Worker

- Concreter
- Joiner
- Plasterer

## EXAMPLES OF COURSE UNITS

- Use carpentry tools and equipment
- Work effectively and sustainably in the Construction Industry
- Plan and organise work
- Carry out measurements and calculations
- Apply basic levelling procedures
- Carry out basic demolition
- Carry out concreting to simple forms
- Undertake a basic construction project
- Apply WHS requirements, policies and procedures in the Construction Industry
- Apply First Aid

# ELECTROTECHNOLOGY

Certificate II in Electrotechnology (Career Start) UEE22020

The growing Electrotechnology industry requires qualified tradespersons in the areas of domestic and commercial electrical installations; electrical power generation and distribution; telecommunications and security systems; air-conditioning and refrigeration; instrumentation and process control; renewable and sustainable energy and electric vehicles and rail transport. You will learn the fundamental knowledge and skills to be work ready.

## POSSIBLE CAREER PATHWAYS

This work-entry program will teach you the basic skills and knowledge to work safely in any field of electrotechnology.

- Electrician
- Data Technician
- Refrigeration & Air-conditioning Mechanic



PEER (RTO Code 45744) is responsible for the quality of accredited training and assessment provided and for the issuing of all qualifications and statements of attainment for this course.

## EXAMPLES OF COURSE UNITS

- Apply work health and safety regulations, codes and practices in the workplace
- Fabricate, assemble and dismantle utilities industry components
- Provide solutions and report on routine electrotechnology problems
- Repair basic electronic apparatus faults by replacement of components
- Provide basic sustainable energy solutions for energy reduction in residential premises
- Solve problems in single path circuits
- Use of routine equipment/plant/technologies in an energy sector environment
- Carry out routine work activities in an energy sector environment







# FOOD & HOSPITALITY

Certificate II in Cookery SIT20421

The Food & Hospitality program prepares you for a world of opportunities in the dynamic and fast-paced hospitality industry. You will learn about the importance of hygiene in the kitchen along with a wide range of basic cookery methods, menu development, dietary requirements and food safety. Cookery students carry out all aspects of restaurant operations, including back-of-house and kitchen duties.

## POSSIBLE CAREER PATHWAYS

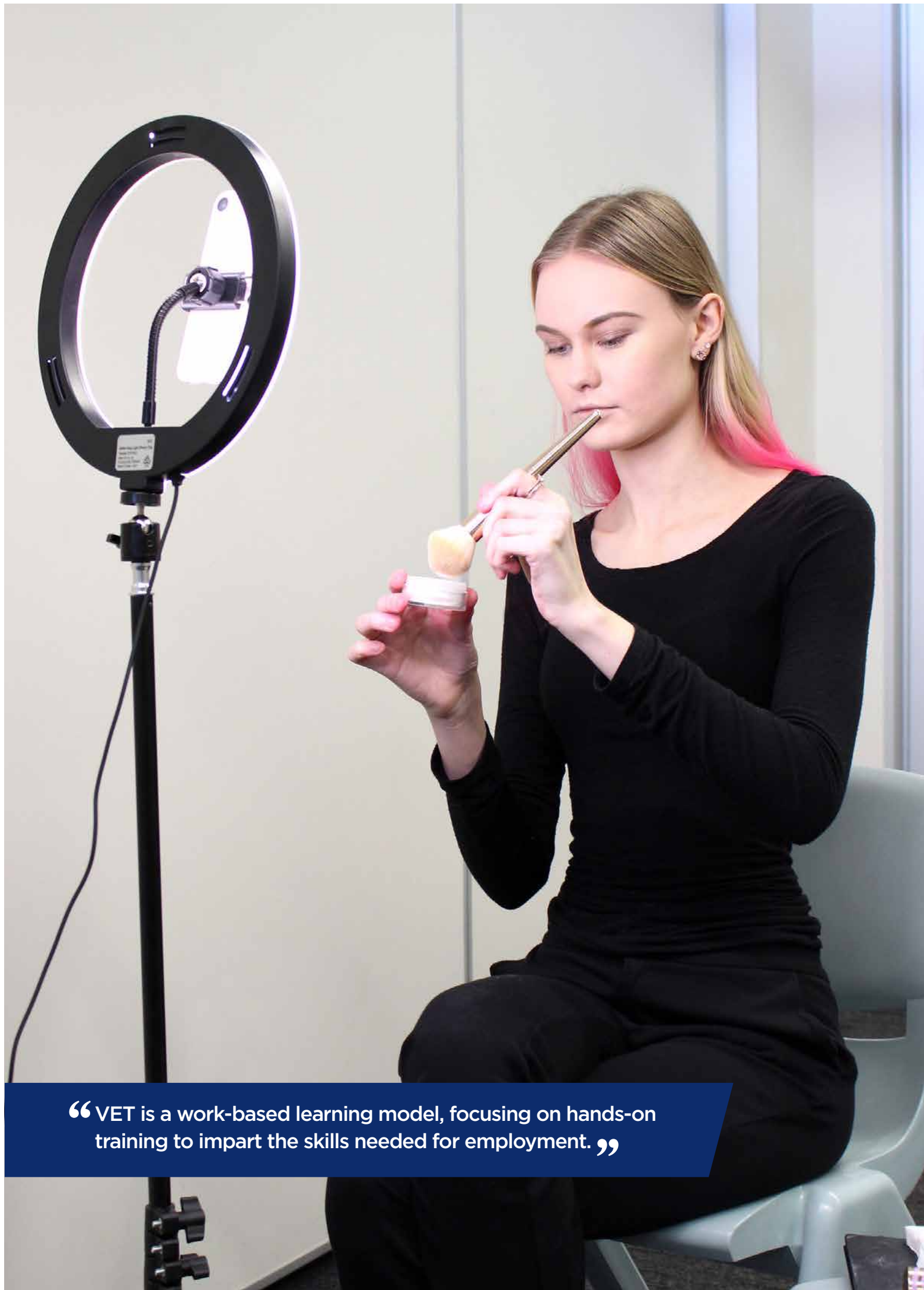
This qualification provides a pathway to work in kitchen operations in organisations such as restaurants, hotels, catering operations, clubs, pubs, cafés and coffee shops and institutions such as aged care facilities, hospitals and schools.

- Chef
- Cook
- Pastry Cook
- Baker

## EXAMPLES OF COURSE UNITS

- Prepare dishes using basic methods of Asian cookery
- Prepare Asian appetisers and snacks
- Use food preparation equipment
- Prepare dishes using basic methods of cookery
- Prepare appetisers and salads
- Prepare stocks, sauces and soups
- Prepare vegetables, fruit, egg and farinaceous dishes
- Participate in safe food handling practices
- Clean kitchen premises and equipment
- Use hygienic practices for food safety
- Receive, store and maintain stock
- Participate in safe work practices
- Work effectively in a commercial kitchen





“VET is a work-based learning model, focusing on hands-on training to impart the skills needed for employment.”

# HAIR & BEAUTY

Certificate II in Salon Assistant SHB20216

Begin your journey as a hairdresser with this course where you will learn about interacting with clients and providing hairdressing services, combined with developing skills to become an integral part of a highly creative team.

## POSSIBLE CAREER PATHWAYS

Employment outcomes are to gain an apprenticeship in Hairdressing, continue studying the Certificate III in Hairdressing or work as a salon assistant in the retail or beauty industry.

- Hair or Beauty Salon Assistant in the Retail or Beauty Industry



TAFE SA (RTO Code 41026) is responsible for the quality of accredited training and assessment provided and for the issuing of all qualifications and statements of attainment for these courses

## EXAMPLES OF COURSE UNITS

- Contribute to health and safety of self and others
- Provide shampoo and basin services
- Dry hair to shape
- Maintain and organise tools, equipment and work areas
- Conduct salon financial transactions
- Greet and prepare clients for salon services
- Comply with organisational requirements within a personal services environment
- Communicate as part of a salon team
- Produce visual merchandise displays
- Provide head, neck and shoulder massage for relaxation
- Research and use hairdressing industry information
- Recommend products and services

*Year 11 Hair & Beauty students undertake either a Certificate II in Salon Assistant or a Certificate II in Retail Cosmetics. Year 12 Hair & Beauty students can undertake further study in Beauty Services.*

# HAIR & BEAUTY

Certificate II in Retail Cosmetics SHB20121

The Certificate II in Retail Cosmetics is the ideal qualification to start your career in the make-up or beauty industry. You will learn a range of skills to provide make-up for varying occasions, client care, sell and recommend beauty products to an industry standard.

## POSSIBLE CAREER PATHWAYS

This qualification reflects the role of individuals employed in retail beauty to provide a range of services including make-up, preparing clients for salon services, skin care and beauty knowledge.

- Beautician
- Retail Beauty Consultant
- Beauty Salon Assistant



TAFE SA (RTO Code 41026) is responsible for the quality of accredited training and assessment provided and for the issuing of all qualifications and statements of attainment for these courses

## EXAMPLES OF COURSE UNITS

- Demonstrate retail skin care products
- Advise on beauty products and services
- Design and apply make-up
- Conduct salon financial transactions
- Comply with organisational requirements within a personal services environment
- Communicate as part of a team
- Apply safe hygiene, health and work practices
- Organise personal work requirements
- Maintain ethical and professional standards when using social media and online platforms
- Maintain infection control standards
- Participate in sustainable work practices
- Research and apply beauty industry information
- Produce visual merchandise displays
- Use social media and online tools
- Greet and prepare clients for salon services

# INFORMATION TECHNOLOGY

Certificate III in Information, Digital Media and Technology ICT30120

This qualification reflects the role of individuals who are competent in a range of Information and Communications Technology (ICT) roles, including animation, basic cloud computing, basic cyber awareness, digital media skills, generalist IT support services, networking, programming, systems and web development.

## POSSIBLE CAREER PATHWAYS

People working at this level will support information technology activities in the workplace across a wide range of ICT areas, including technical support, network administration, web technologies, software applications and digital media technologies.

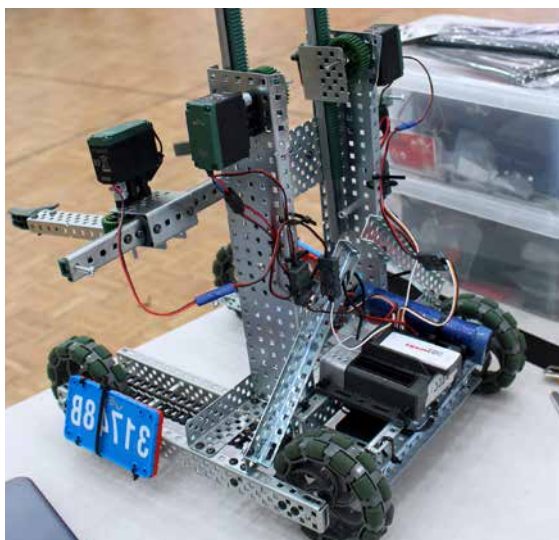
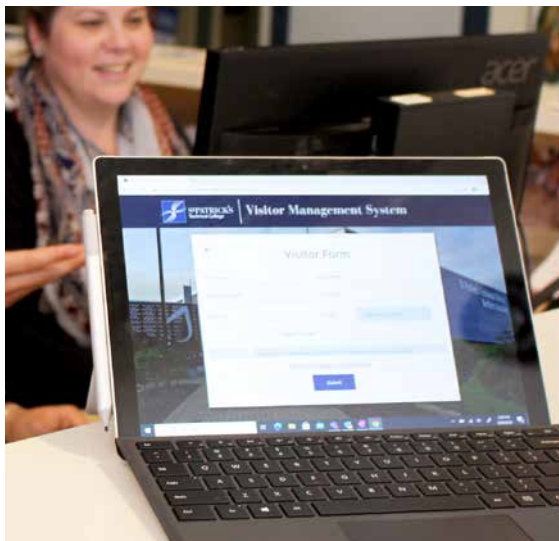
- Help Desk Officer
- Help Desk Assistant
- ICT User Support
- ICT Operations Support
- PC Support
- Technical Support

## EXAMPLES OF COURSE UNITS

- Develop and extend critical and creative thinking skills
- Securely manage personally identifiable information and workplace information
- Identify IP, ethics and privacy policies in ICT environments
- Apply introductory programming techniques
- Provide ICT advice to clients
- Operate application software packages
- Use advanced features of computer applications
- Identify and report online security threats
- Build simple web pages
- Run standard diagnostic tests
- Install and test network protocols



TAFE SA (RTO Code 41026) is responsible for the quality of accredited training and assessment provided and for the issuing of all qualifications and statements of attainment for this course.







# METALS & ENGINEERING

Certificate II in Engineering Pathways MEM20422

As part of the manufacturing and design industry, engineering offers the opportunity to be involved in broad-based skills areas driven by technology and design. This course will give you foundation skills to operate tools and equipment to produce and modify objects. You will learn basic welding skills, communication skills and explore career options in the engineering and manufacturing industry.

## POSSIBLE CAREER PATHWAYS

The Metals & Engineering program prepares you for a career in the manufacturing, engineering, mining, resources and defence industries.

- Boiler or Engine Operator
- Boilermaker's Assistant
- Engineering Production Worker
- Fitter's Assistant
- Metal Engineering Process Worker

## EXAMPLES OF COURSE UNITS

- Develop a career plan for the engineering and manufacturing industry
- Undertake a basic engineering project
- Participate in environmentally sustainable work practices
- Work safely and effectively in manufacturing and Engineering
- Organise and communicate information
- Use hand tools
- Use power tools/handheld operation
- Use Engineering and workshop machines
- Use electric welding machines
- Undertake manual handling
- Pull apart and re-assemble engineering mechanisms
- Work in a team



PEER (RTO Code 45744) is responsible for the quality of accredited training and assessment provided and for the issuing of all qualifications and statements of attainment for this course.

# PLUMBING

Certificate II in Plumbing (Pre-apprenticeship) 22569VIC

This course will provide you with the practical skills and knowledge to work effectively in the plumbing and services sector and will prepare you for a pathway to an apprenticeship.

This course is strongly supported by employers including Group Apprenticeship Schemes.

You will learn about safe work practices, how to use plumbing pipes, fittings and fixtures to simulate plumbing installations, basic sheet metal practices and basic oxy-acetylene welding and cutting.

## POSSIBLE CAREER PATHWAYS

This course will prepare graduates with the skills and knowledge for entry into an apprenticeship (Certificate III in Plumbing) in one of the various sectors of the plumbing industry.

- Plumbing apprentice in the domestic or commercial/ industrial sectors

## EXAMPLES OF COURSE UNITS

- Use basic plumbing hand tools
- Use basic power tools
- Use plumbing pipes, fittings and fixtures to simulate plumbing installations
- Cut and penetrate building materials and structures
- Identify career pathways in the plumbing industry
- Apply basic sheet metal practices
- Produce technical drawings
- Carry out measurements and calculations
- Read and interpret plans and specifications
- Fabricate simple plumbing pipe systems
- Use basic electric welding equipment and techniques
- Perform basic oxy-acetylene welding and cutting



PEER (RTO Code 45744) is responsible for the quality of accredited training and assessment provided and for the issuing of all qualifications and statements of attainment for this course.





# QUICK FACTS

## ENROLMENT

The College's enrolment intake occurs in Year 10, Year 11 and Year 12. Students interested in attending St Patrick's Technical College are required to complete an Application for Enrolment form and sit a core skills assessment. Following this, you will be invited to an interview with a member of the College leadership team. If successful, a formal offer to attend the College will be made. We encourage families to enrol early to avoid disappointment and missing out on their first trade preference. Vacancies can occur across the year levels and trade groups - these will be filled from the waiting lists.

## FEES

St Patrick's Technical College is committed to providing young people with the widest possible access to our unique College. We believe fees should not be a barrier for families when considering the best educational option for students. Families experiencing genuine hardship are encouraged to request a confidential meeting with our General Manager Finance & Operations to discuss fee remissions on the tuition fee, Government assistance, scholarships and grants. Please refer to the College website for the current fee structure.

## UNIFORM

The College uniform has been created in consultation with local trade and service industries and is available from Totally Workwear, Salisbury. It includes a combination of trade and non-trade items and incorporates professional dress standards and WHS requirements. On trade days, and in the workplace, students wear an appropriate trade uniform, and depending on your trade, includes items like a high-vis work shirt, trade pants, chef uniform, safety footwear and equipment.

## BYOD

BYOD (Bring Your Own Device) is a program where students bring a personal laptop, notebook or tablet to the College to use as their primary technological device. The College provides the ability to connect compatible devices to a filtered internet service during operating hours.

## WORK EXPERIENCE

The College has an extensive work experience program. Over three years, all campus based students are expected to complete a minimum of 17 weeks of work experience or work placement. Prior to commencement, the College encourages prospective students to undertake broad career exploration activities to assist in making informed decisions about potential career pathways.

## TOURS

We encourage all prospective families to visit the College to discover our unique learning environment, flexible programs and all the opportunities we have on offer. College Tours are held every Thursday on alternate mornings and afternoons. Every year we host several Saturday Principal's Tours. Tour and Event dates and information is available on the College website. Bookings are essential.

## LOCATION

St Patrick's Technical College's purpose-built facility is located within the industrial and economic hub of Elizabeth, part of the City of Playford, adjacent to Elizabeth TAFE and the Elizabeth Shopping Centre. The College is walking distance to the Elizabeth Interchange on the Adelaide to Gawler Central railway line, providing easy public transport links to Northern and North-Eastern Adelaide, the Barossa Valley and Lower North. An Adelaide Metro bus service is also available from Adelaide to the Elizabeth Interchange.

**“For all enrolment enquiries, contact our College Registrar on 08 8209 3700 or email [enrolments@stpatstech.sa.edu.au](mailto:enrolments@stpatstech.sa.edu.au)”**



**STPATRICK'S**  
Technical College

**St Patrick's Technical College**

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“Think about things  
differently.”