



2026 PROSPECTUS

LAKE TUGGERANONG COLLEGE

YOUR PATHWAY - YOUR FUTURE

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WELCOME

At Lake Tuggeranong College we believe that education changes lives. We are dedicated to providing an outstanding education for all young people to achieve success and connect to their chosen pathway. Diversity is a strength of our college and is evident in the achievement of LTC graduates.

This includes young people at the very top of academic achievement in the ACT, and also importantly, young people who have excelled in vocational education and pathways to further employment and training.

In line with our values, LTC graduates:

- ▶ Learn through developing the skills and attributes to be a lifelong learner,
- ▶ Thrive through self-regulating both learning and wellbeing,
- ▶ Connect through their learning pathway to the world beyond education.

We achieve this through:

- Future focused and innovative learning and teaching, which builds capabilities for life beyond education.
- A strong focus on the individual. Every student develops a personalised Graduate Profile, which details their strengths and capabilities for success in the future, and forms a centrepiece in planning their pathway through college and beyond.
- Passionate staff who make a difference in the learning and lives of young people. Our teachers actively seek to enhance student outcomes through a focus on evidence and best practice.



- A student-centred and connected learning environment constructed around student agency and whole-of-student care. Every student matters and every student can succeed in our care.
- Beautifully maintained buildings and grounds, with specialised learning areas, making students proud of where they learn.

I look forward to working with you on the next part of your journey at Lake Tuggeranong College.

David Briggs
Principal

Lake Tuggeranong College acknowledges the Ngunnawal people as the Traditional Custodians of the land on which we learn and grow. We honour the wisdom, resilience, and contributions of First Nations Elders across generations and recognise their enduring connection to land, waters, and culture. We are committed to fostering a community that values and respects First Nations perspectives and histories.

▶ OUR VISION

A learning, thriving and connected community equipped to live a meaningful life.

▶ OUR MISSION

Learn, thrive and connect today to build capabilities for an amazing future.

▶ OUR VALUES

Learn, Thrive, Connect.

BUILDING CAPABILITIES FOR THE FUTURE

In today's rapidly evolving world, building transferable skills and capabilities is essential for success in the workplace and as an active citizen of the world.

Most jobs today and into the future will require more than just academic knowledge. Employers want people who can communicate well, solve problems and work in teams.

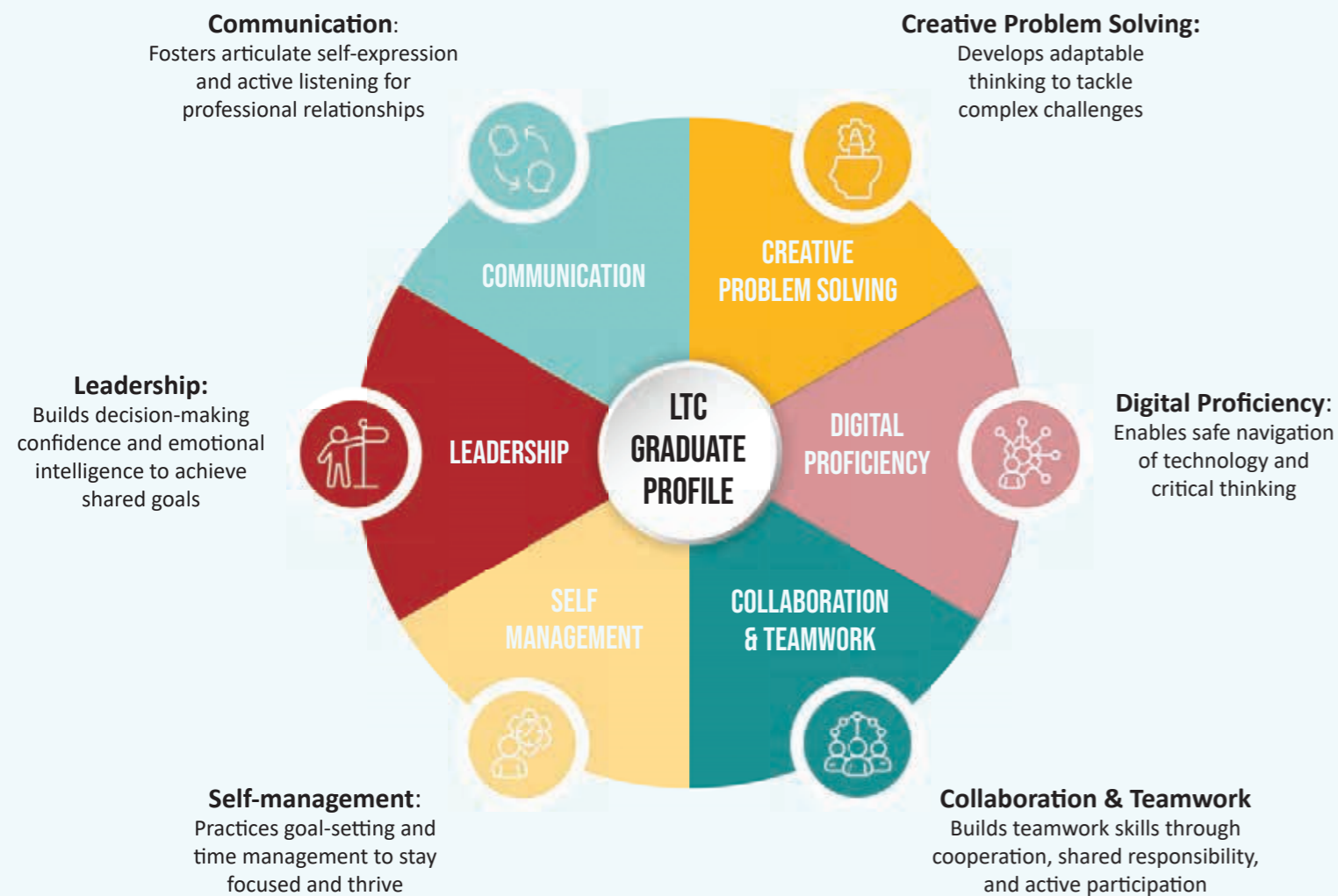
An increased focus on capability development builds our young people into lifelong and adaptable learners, ready for the future.

GRADUATE PROFILE

Throughout their two years at LTC, students develop a Graduate Profile - a dynamic portfolio showcasing a student's capability development, beyond grades and scores.

It highlights a young person's development in the capabilities below, and includes details on short courses, certificates and extracurricular activities which build capability.

Importantly, it helps link young people to their future pathway and provides a purpose to their learning.



ENRICHMENT AND EXTENSION PROGRAMS

UNIVERSITY OF CANBERRA ACCELERATED PATHWAYS PROGRAM

The UC Accelerated Pathways Program provides an opportunity for Year 11 students to study on campus and gain credit toward a UC degree.

Students who successfully undertake studies in the Accelerated Pathways Program can receive conditional early entry offers into UC, as well as earn credit towards their studies at UC in the subject areas completed.

Completion of this course will be credited toward your ACT Senior Secondary Certificate and can be used in the calculation of your Australian Tertiary Admission Rank (ATAR). Interested students can speak to the Careers team for more information.

ACADEMIC PATHWAYS PROGRAM

The LTC Academic Pathways Program is designed to enhance Tertiary student pathways and opportunities. The program aims to extend and enrich learning and academic skills through mentoring, career guidance, work experience placements, enrichment excursions, competitions and guest speakers. The program also aims to support students as individuals with their unique needs and personal pathways beyond college.

Students will be offered a place based on their performance in the first half of Year 11. The Academic Pathways Program will operate during regular timetabled sessions TRaC-X and Line 8 on Thursday afternoons.

INTERNATIONAL STUDY TOURS

Lake Tuggeranong College has a proud history of international study tours to destinations including China, Japan, Korea, Spain, and the United States. International travel significantly augments a young person's education through academic enrichment and global citizenship.

A Japan tour is scheduled for 2026 and planning for Spain is currently underway. Families will receive updates as plans progress.

AST PREPARATION PROGRAM

The AST Preparation Program is a compulsory R Unit for all Tertiary students in Years 11 and 12. It prepares students for the AST, covering the Writing Task, Multiple Choice, and Short Response components, while also unpacking ATAR scaling and score calculations. The program includes workshops, online activities, practice exams, and integrated classroom support.

KEYS TO SUCCESS

Offered during TRaCX, the Keys to Success program is an R Unit designed to build essential academic skills. Delivered by LTC's teacher librarians, sessions cover referencing, note-taking, curation, search strategies, website evaluation, and assignment planning. The program ensures students develop strong digital and information literacy for success at college and beyond.

AUTHENTIC LEARNING IN CYBER SECURITY

Students enrolled in our Cyber Security courses benefit from a strong partnership with Services Australia. This collaboration offers students hands-on experience in ethical hacking and cyber defence. Our teams regularly compete in ACT wide cyber warfare challenges - with notable success. In 2024, LTC students won the ACT Cyber School Challenge and in 2019 were national runners-up, demonstrating excellence in real world cybersecurity scenarios.

INTEGRATED LEARNING

Lake Tuggeranong College offers a range of interdisciplinary, project-based courses that help students explore their interests while developing future-focused skills. These courses connect learning with real-world contexts, drawing on areas such as Science, Information Technology, Politics, International Relations, Economics and Sociology.

VOCATIONAL LEARNING

The Vocational Education and Training (VET) sector has emerged as critical in meeting current and future skill needs for industry and employment. It provides a range of outstanding pathway opportunities for young people, and students are encouraged to explore VET options when selecting their courses.

Lake Tuggeranong College delivers courses incorporating VET, providing students the opportunity to gain practical skills and work toward nationally recognised qualifications, such as Certificate II and III. Completion of these competencies not only supports student transitions to further study or employment but also adds significant value to their college experience.

AUSTRALIAN SCHOOL BASED APPRENTICESHIP

The highly successful Australian School Based Apprenticeship (ASBA) program offers students the opportunity to achieve a nationally recognised qualification by combining paid work and training as part of their education program during Years 11 and 12.

ASBAs can be undertaken in a number of industry areas. They are a valuable experience and provide pathways to future training and employment. Undertaking an ASBA contributes towards your ACT Senior Secondary Certificate.

Our ASBA Coordinator and Transitions and Careers Officer are available to assist you to explore ASBA options and opportunities.

VET COURSES

Lake Tuggeranong College partners with other southside schools to form South Training, ACT Education's Registered Training Organisation for this region. This enables students to undertake VET qualifications and competencies through the following courses:

- Construction Pathways Certificate II
- Furniture Making Pathways Certificate II
- Applied Digital Technologies Certificate II
- Information Technology Certificate III
- Automotive Vocational Preparation Certificate II
- Workplace Skills (Business Services) Certificate II



▶ THE SOUTH TRAINING WEBSITE



E COURSES

Through an E Course students can undertake nationally recognised vocational qualifications through an external training organisation which may be recognised on the ACT Senior Secondary Certificate as External VET Credit. In addition, Lake Tuggeranong College has a partnership with external providers to deliver VET courses in the following areas:

- Health Services Assistance Certificate II/III
- Early Childhood Education and Care Certificate II

SHORT COURSES

Vocational Education and Training short courses offer practical, focused training to equip individuals with specific skills and knowledge for various professions, as well as work experience. Lake Tuggeranong College students are regularly offered short courses in:

- General Construction Induction (White Card)
- Responsible Service of Alcohol
- Barista Essentials
- First Aid

VOCATIONAL LEARNING PROGRAMS

Vocational Learning Programs (VLPs) support students in years 11 to 12 to explore the world of work. They do this through activities such as industry immersion activities and work experience.

VLPs provide students with:

- Hands-on experience
- The chance to build skills
- Accredited and non-accredited training
- Programs designed for different skill levels

Previous programs have been delivered in these sectors:

- Allied health
- Automotive
- Building and construction
- Business
- Community services
- Digital technologies
- Electrical
- Hair and beauty
- Hospitality
- Information technology



STUDENT SUCCESS



KAVISHA KURUPPU

What is your current study path?
I'm in my third year of a part-time study load undertaking a Bachelor of Science (BSC) degree at the Australian National University, majoring in Evolution, Ecology and Organismal Biology, with a minor in Biology and Science Communication.

How did LTC help you?
I wouldn't be where I am without the incredible support from my LTC teachers, both during and after my studies. Their belief in me helped build my confidence in recognising my own achievements, big and small.

What made LTC unique?
Although I sometimes felt silly asking questions, the teachers at LTC were always welcoming and supportive. They never made me feel small and always made time to help. The teachers, staff, and peers pushed me academically, challenging me to try new things. This helped me build confidence to explore new opportunities and take risks I wouldn't have otherwise.

LTC's impact on your future?
LTC taught me the importance of self-discipline, time management, and study habits. It also showed me different leadership styles, especially from passionate teachers. This experience is vital for navigating the diverse, ever-changing real world.



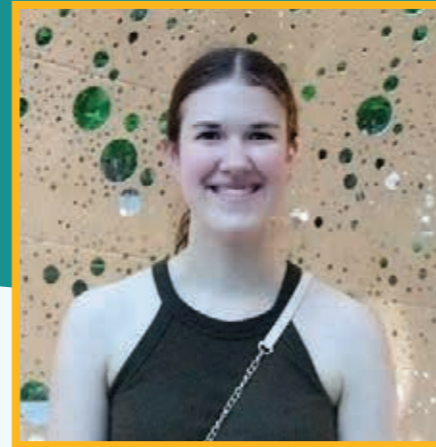
BRADY COGLAN

What is your current study path?
I'm studying a Bachelor of Mathematical Sciences and a Bachelor of Science as through ANU's double degree program. I'm also majoring in physics for the BoS.

How did LTC help you?
At LTC I took both physics and mathematics classes, which were absolutely part of the preparation required for my degree.

What made LTC unique?
While I had a clear idea of my uni path from Year 11, I think LTC's focus on helping students refine their goals and gain confidence in their future really made a difference. The support available was definitely helpful, even if I already had my direction set.

LTC's impact on your future?
The college really started focusing on tertiary students more when I was in Year 12, and I think that really helped me get the ATAR I needed for my degree. There was a whole series of AST prep sessions that were run that year which I found very helpful.



RORY BUGDEN

What is your current study path?
I am a 3rd year student studying electrical engineering at UNSW Canberra. I was fortunate enough to receive the Defence civilian undergraduate sponsorship which pays for my degree and includes work experience.

How did LTC help you?
I am where I am today because of the amazing support I received at LTC. The staff were always there to help me manage my workload, stress and navigate all the other unpredictable challenges that comes with college. My success at LTC enabled me to get into my dream degree.

What made LTC unique?
Other than the unconditional support I received, the staff were always sharing amazing opportunities. As a result I participated in the Questacon student volunteer program, ANU maths day, a short story competition, maths and physics competitions, outreach programs for primary school students in STEM and much more.

LTC's impact on your future?
LTC not only gave me the knowledge needed in my university classes but also the tools to succeed. Even from the start of applications I had staff assisting me and making sure I didn't miss out on any opportunities. I had the opportunity to visit several universities as a result of LTC staff which enabled me to decide where I wanted to go. Even now I still talk to my old teachers.



BYRON HARRIS

What is your current study path?
I'm working part-time at the Aged Care Facility where I began my school-based apprenticeship in Year 10. This pathway led me to study a Diploma of Nursing at CIT Bruce, and I plan to work as an Enrolled Nurse with Canberra Health Services next year.

How did LTC help you?
My time at LTC helped me by offering healthcare-related courses like Human Biology and Health and Wellbeing, which deepened my understanding of Australia's healthcare system and human physiology, and confirmed my passion for working in healthcare.

What made LTC unique?
The opportunities at Lake Tuggeranong College helped me by offering a flexible study schedule, extra support for my disability, and resources for my apprenticeship. I had an amazing experience with LTC's Careers and College Life team, especially Carlene Marr, who supported me through Year 12 until I graduated early to enrol at CIT.

LTC's impact on your future?
LTC prepared me for a career in healthcare by offering a flexible schedule to complete my Cert III in Individual Support, courses related to my interests, and supportive staff who helped me meet my goals. It also gave me the chance to start my Diploma, which I hope to finish this year.



SEBASTYEN FILIPINSKI

What is your current study path?
After graduating from LTC, I was fortunate to be accepted into the National Institute of Dramatic Art (NIDA), one of Australia's leading acting schools. I'm now working in the industry, collaborating with major theatre and film companies, including an upcoming Netflix project.

How did LTC help you?
At LTC, I had many opportunities to collaborate with other creatives and build a strong foundation in theatre acting. I showcased my skills in school productions, and my drama teacher supported me through the NIDA audition process, even helping me choose monologues that played to my strengths.

LTC's impact on your future?
LTC's media and photography classes helped me understand behind-the-camera work, giving me hands-on experience planning, producing, directing, filming, and editing short projects. I learned how to use a camera to capture exactly what I envisioned. Thank you Lake Tuggeranong College for helping me find my footing in this industry.



CAITLIN ALLEN

What is your current study path?
I'm in my third year of a Political Science degree at ANU, having started in a double degree with Visual Art. I work part-time as a secretary for a geotechnical engineering firm and am exploring graduate job opportunities in the Australian Public Service and consulting firms.

How did LTC help you?
LTC prepared me for adulthood, work, and studies by teaching independent study habits, research, writing, and problem-solving. The support services helped me cope with stress and stay engaged in school. Teachers treated us like adults, improving my communication with peers and colleagues. LTC encouraged me to explore new opportunities, helping me discover my passions.

What made LTC unique?
The Arts at LTC were my main reason for choosing the college, and I'm glad I did. The faculty is creative, knowledgeable, and encouraging, allowing me to explore various art forms. LTC's enthusiasm for the arts sets it apart from other colleges.

LTC's impact on your future?
LTC encouraged me to explore different paths and helped me discover what I enjoy.

FACILITIES

Set against the backdrop of picturesque Lake Tuggeranong, the college enjoys a unique position with access to vibrant town amenities and transport options. The contemporary design of the campus takes full advantage of its lakeside setting, with striking architecture and thoughtfully designed spaces that support focused study, wellbeing and a sense of community.



Students have access to a wide range of high quality facilities across the college. These include kitchenettes and amenities for self-catering, a large, modern Learning Commons area, student lockers, and furnished breakout areas throughout the buildings that provide welcoming spaces to study or connect with peers.

COLLEGE LIFE & STUDENT COMMONS

The College Life and Student Commons area is the central hub for academic and wellbeing support. Here, students can access guidance from Student Advisors, Careers and Transitions Officers, Youth Support Workers, the on-site Psychologist, and members of the College Life team.

PERFORMING ARTS

Performing Arts students benefit from a 240-seat theatre, along with professional standard dance and music studios. The Arts precinct features computer labs equipped with the latest creative software, a digital design classroom, a newly refurbished photography studio, a soundproof recording suite, and media production equipment.



THE TRADE TRAINING CENTRE (TTC)

Lake Tuggeranong College is part of the southside network of schools operating as South Training RTO. Through this partnership, students have access to nationally recognised VET courses, including Building and Construction Pathways, Automotive, and Furniture Making.

These programs are delivered in purpose-built workshops equipped with industry-standard tools and equipment to provide hands-on, job-ready experience.

SOCIAL SCIENCES & IT

Business, Social Sciences and IT students have access to flexible learning labs, a large lecture theatre, and specialist spaces for virtual reality, robotics, and cybersecurity.

SCIENCE

Science students work in well-equipped laboratories and enjoy access to an upgraded agriculture plot and modern glasshouses.

TECHNOLOGY

Food Technology is supported by refurbished kitchens, while Design and Technology students benefit from access to industry level professional software.

LIBRARY

The Lake Tuggeranong College Library is a welcoming and dynamic learning space, designed to support students in achieving their best. Whether you're researching, studying, reading, or working on assignments, the library offers trustworthy resources, expert guidance, and calm, flexible spaces to suit every learning style. The savviest students at LTC know this is the place to be.

The college library is co-located with the Lake Tuggeranong Public Library, giving students access to an even broader range of services and resources, seven days a week. With a Libraries ACT membership, students can borrow from any public library branch across Canberra, expanding their learning network well beyond the college walls.



LIBRARY HOURS

College Library Office:

Monday to Friday, 8:30am – 3:30pm

Public Library:

Monday to Friday, 10:00am – 5:30pm

Saturday, 10:00am – 4:00pm

Sunday, 12:00pm – 4:00pm



THE LIBRARY WEBSITE



COLLEGE LIFE - STUDENT SUPPORT SERVICES

CONNECTING WITH OUR FAMILIES

At Lake Tuggeranong College, we value strong partnerships with parents and carers. Our College Life Team works closely with families to support student wellbeing, academic progress, and post-school planning. Student Advisors are a key point of contact for both students and families and encourage early communication to ensure the best outcomes. We provide regular and ongoing updates to families on progress and link students with support services both within and beyond the college.

PATHWAYS AND CAREERS

The Careers and Transitions Team, located in Pavilion 6, is a vibrant centre for planning life beyond school. All students take part in career interviews in both Year 11 and Year 12.

Our team supports:

- University and CIT advice
- Resume writing, job applications, scholarships
- ASBA (Australian School Based Apprenticeships)
- Work Experience (WEX), including virtual options
- University Admissions Centre and Schools Recommendation Scheme application support
- Access to guest speakers and industry excursions

Our Careers Expo connects students with over 60 providers across education, employment, and training.



▶ **THE CAREERS WEBSITE**

STUDENT VOICE

Student voice is embedded in college life through regular feedback forums and TRaC groups. Students contribute to decision-making and improvement planning, including focus group sessions with the Senior Executive Team. Leadership opportunities are offered through:

- LTC Student Executive Group
- BSSS Student Forum
- LTC School Board
- Tuggeranong Community Council
- Girls in STEM initiatives
- Organising and participating in college events

Students are encouraged to take initiative and help shape our inclusive and dynamic college culture.

HEALTH AND WELLBEING SERVICES

Our College Life Team includes:

- Student Advisors
- Executive staff
- Youth Support Workers
- Social Worker
- School Psychologist

Together, they provide a multi-tiered system of support that promotes academic engagement, social-emotional wellbeing, and connection. This team monitors attendance and progress, supports goal setting, and responds to barriers affecting student success.

TRaC GROUPS

TRaC Groups (Transitions, Relationships and Connection) meet weekly and focus on:

- Building student–teacher relationships
- Sharing wellbeing and academic updates
- Supporting students with pathway planning and goal setting
- Accruing hours toward a Registered (R) Unit

TRaCX

TRaCX provides time for:

- Extra supports such as resume building and industry speakers
- Recreational and enrichment activities
- Student-led sessions and leadership development
- Micro credentials and capability building

RESOURCE ROOM

Our Resource Room is a supported learning space available throughout the school day. It is staffed by Learning Support Assistants (LSAs) and provides a calm environment for:

- Focused work
- Organisational support
- Small-group or individual assistance

This space is an important part of our inclusive approach, supporting students with diverse learning needs.



ABORIGINAL & TORRES STRAIT ISLANDER STUDENTS

We are committed to supporting Aboriginal and Torres Strait Islander students through:

- Cultural safety and inclusive practices
- Individual support and mentoring
- Opportunities for leadership and connection
- Engagement with community and cultural events

We work closely with families and community organisations to ensure culturally responsive and strengths-based pathways through college and beyond.

ACADEMIC PROGRAMS

ACT SENIOR SECONDARY CERTIFICATE

A standard package for a Senior Secondary Certificate will be awarded on completion of an educational program including the equivalent of at least 17 standard units in a period not exceeding five years.

This package must contain a minimum of four A, T, M, H, C or E courses from at least three different course areas. This must include at least two A, T or M courses.

COMPULSORY COURSES

All students must successfully complete a minimum of two semesters from the English course area to be eligible for the award of an ACT Senior Secondary Certificate.

STRONGLY RECOMMENDED COURSES

It is strongly recommended that students complete a course from the Mathematics course area as a part of their ACT Senior Secondary Certificate.

TERTIARY ENTRANCE STATEMENT (ATAR)

To meet the requirements of a T package and be awarded a Tertiary Entrance Statement and receive an ATAR, during year 11 and 12 studies, a student must complete units that accrue a minimum of 20 standard units. This must include at least 18 A, C, E, T, M, H units, of which at least the equivalent of 12.5 standard units must be T or H.

For a Tertiary Entrance Statement units must be arranged into courses to form the following patterns:

- five majors or
- four majors and one minor or
- three majors and three minors

Of these major and minor courses: at least three major courses and one minor course must have been classified T or H.

Typically, units are 1 semester in length and may be in the form of:

- Minor: 2-3 units completed of a particular course.
- Major: 3.5-5 units completed of a particular course.
- Major/Minor: 5.5-6.5 units completed of a particular course.
- Double Major: 7-8 units completed of a particular course.

Note: Not all courses offer Majors, Major/Minor or Double Major combinations.



COURSES EXPLAINED

TERTIARY (T) - Units prepare students for higher education courses including university entrance.

ACCREDITED (A) - Units prepare students for study at institutes of technology, other vocational training and the workforce.

VOCATIONAL (V) - Unit content is based on competencies defined in industry training packages and can lead to qualifications.

VOCATIONAL (E) - Externally delivered nationally recognised vocational qualifications - Certificate of Statement or Attainment or credit for an Australian School Based Apprenticeship.

REGISTERED (R) - Extra-curricular activities including social, artistic, sporting or personal development.

MODIFIED (M) - Units that are accredited by the ACT BSSS as providing appropriate educational experiences for students who satisfy specific disability criteria.

HIGHER EDUCATION (H) - Year 11 and 12 courses designed and accredited by an Australian higher education provider and successful completion of the course will be recognised towards an undergraduate degree with that provider.



THE ACT BSSS WEBSITE

LEARNING SUPPORT

The Hub is LTC's small group program for eligible students who benefit from personalised academic and social support. The Hub blends small group learning with mainstream classes, allowing students to personalise their learning program while gaining a well-rounded college experience. Program design involves close collaboration between students, families, and staff. Eligibility requirements exist and can be discussed with the Executive Teacher for Inclusion & Diversity.



COURSE FINDER

Use this guide to find the LEARNING AREA and COURSES you may be interested in studying at Lake Tuggeranong College.

Please make specific enquiries to faculties. Contact details can be found on the final page of this publication.

Every student's journey is unique. Lake Tuggeranong College staff support students to choose the right balance to meet their future goals.

DESIGN & TECHNOLOGY

Faculty - Technology

Design & Textiles (T/A)
Engineering Studies (T)
Graphic Design (T/A/M)
Industrial Design & Architecture (T/A/M)

HUMANITIES

Faculty - Professional Services
Humanities/IT

Ancient History (T/A/M)
Education Studies (T/A/M)
Interdisciplinary Studies (Politics) (T/A/M)
Geography (T/A)
Modern History (T/A/M)
Pre-Modern History (T/A/M)
Sociology (T/A)

LANGUAGES

Faculty - Languages

Chinese (T/A)
Japanese (T/A)
Spanish (T/A)

ENGLISH

Faculty - Languages

Essential English (M)
English (T)
Essential English (A)
English as an Additional Language (EAL)
Literature (T)
Bridging Literacy (A/M)

INFORMATION TECHNOLOGY

Faculty - Professional Services
Humanities/IT

Networking and Cyber Security (T/A/V/M)
Interactive Software Development (T/A/V/M)
Web & E-Commerce Development (T/A/V/M)

MATHEMATICS

Faculty - Mathematics

Bridging Numeracy (A)
Essential Mathematics (A/M)
Mathematical Applications (T)
Mathematical Methods (T)
Specialist Methods & Specialist Mathematics (T)
Mathematics Support Sessions (R)

PERFORMING ARTS

Faculty - The Arts

Dance (T/A/M)
Drama (T/A/M)
Music (T/A/M)

PROFESSIONAL SERVICES

Faculty - Professional Services
Humanities/IT

Business Services (T/V/M)
Business Studies (T/A/M)
Legal Studies (T/A/M)
Social & Community Work (A/M)
Early Childhood Studies (A/M)
Event Management & Tourism (T/A/M)

SCIENCE

Faculty - Science/Physical Education

Biology (T/A/M)
Chemistry (T)
Earth & Environmental Science (T/A)
Food Science and Nutrition (T/A/M)
Horticulture (A/M)
Health Science (T/A/M)
Interdisciplinary Science - Flight (T/A/M)
Interdisciplinary Science (T/A/M)
Psychology (T/A)
Physics (T)

PHYSICAL EDUCATION

Faculty - Science/Physical Education

Exercise Science (T/A/M)
Health and Wellbeing (T/A/M)
Physical Education Studies (A/M)
Sports Development (T/A/M)

SERVICES & TRADES

Faculty - Technology

Automotive Technology (A/M)
Construction Pathways (A/V/M)
Food Studies (A/M)
Furniture Making (A/M)
Metal Products (A/M)
Timber Products (A/M)

VISUAL ARTS

Faculty - The Arts

Ceramics (T/A/M)
Glass Art and Design (T/A/M)
Media (T/A/M)
Photography (T/A/M)
Visual Art (T/A/M)

► DESIGN & TECHNOLOGY

Faculty - Technology

DESIGN & TEXTILES (T/A)

At college: The Design & Textiles course focuses on design thinking (human centred approach) and design process methodologies to create practical solutions using textiles/fashion as a medium. Students learn project management skills and explore fundamentals of design such as design theories and good design techniques. Students will study 4 units over two years with the possibility of undertaking 'Negotiated Studies' in the final semester.

- Design for Aesthetics
- Design for Purpose
- Design for Futures
- Design for Communication
- Negotiated Study (offered after completing 3 units)

Your career: Design and Textiles is an interdisciplinary course of study and forms the basis for further education and employment in the design fields such as interior design and decoration, personal styling, fashion design, industrial design, costume design, production manufacture, architecture, landscape architecture and textile technologies.

ENGINEERING STUDIES (T)

At college: LTC offers Engineering units from various fields to form a major:

- Structural engineering - building and analysing forces in frames, trusses and bridges.
- Civil engineering - projects that design buildings using Australian Standards and codes.
- Mechanical engineering - including a biomedical project using 3D printing.
- Mechatronics engineering - using electronics that integrates software and hardware design.
- Major project -Working in semester 2 Year 12 on a major group project with a practicing engineer.

Your career: For students who want to pursue further study in technology fields such as engineering, mechatronics, and project management at university, or at CIT/TAFE studying electronics, software, design, CAD, drafting, architecture, building and construction fields.



GRAPHIC DESIGN (T/A/M)

At college: Learn about the principles and elements of design and how to understand and apply the design process in creative ways to a range of graphic, digital and media solutions. This course offers units that cover the essentials of graphic design and visual media and introduces students to concepts and skills needed to design and create in a digital world.

Your career: Design thinking coupled with design knowledge and creative skills are essential in an industry that is constantly changing with new mediums emerging and evolving to apply these skills and ways of thinking. The growing intersection of graphic design with time-based media, information design and associated disciplines such as writing and producing, as well as the blurring of boundaries between fine art and design, graphic design is an exciting discipline to study.

INDUSTRIAL DESIGN & ARCHITECTURE (T/A/M)

At college: Designers play a vital role in shaping the way we live through the design of the products and environments that surround us. In this course students learn how to understand and apply the design process through using both digital and physical tools to model and produce creative and sustainable solutions. The course offers units that cover the essentials in the areas of industrial design and architecture and provides students with skills using industry-based design and modelling CAD software.

Your career: Design thinking is a method for approaching problems in a world that is constantly changing. From product designer to architect, the designer makes the world a better place by bringing their clients' ideas to life. There are many career pathways which stem from skill development using design processes.

► ENGLISH

Faculty - Languages

English is a compulsory subject and all students need to complete the minimum of a minor (two passing semesters) to obtain an ACT Senior Secondary Certificate.

ESSENTIAL ENGLISH (M)

At college: Essential English Modified provides opportunities for students who are eligible for the small group program to develop their reading, writing, speaking and listening skills. The course supports students in developing language skills for life, as well as supporting students to create a wide range of text types.

Your career: This course is available to students who are eligible for placement within the Learning Support Unit.

ENGLISH (T)

At college: English focuses on developing students' analytical, creative, critical thinking and communication skills in all language modes. It encourages students to engage with texts from their contemporary world, with texts from the past and with texts from Australian and other cultures.

Your career: English T takes the best of high school English and digs deeper. The course helps students develop a sense of themselves, their world and their place in it. Students explore a greater complexity of literary and academic texts, stretching their exposure to different text types. This course is useful for future tertiary studies and employment.

ESSENTIAL ENGLISH (A)

At college: Essential English focuses on supporting students to think, understand, communicate, be heard and valued, as an adult. Students consolidate and refine their skills and knowledge needed to become competent, confident and engaged users of English in many contemporary situations including everyday, community, social, further education, training and workplace contexts.

Your career: This course is designed to provide students with the skills that will allow them to succeed in a wide range of post-secondary pathways such as CIT and employment.

ENGLISH AS AN ADDITIONAL LANGUAGE (T/A)

At college: English as an Additional Language focuses on language learning to support students in their own future career path - either academic or vocational and can be studied at tertiary or accredited level. Students explore how learning in and through English language and literature influences their own and others' personal, social and cultural identities and thought. This course integrates the Australian Curriculum English as an Additional Language or Dialect (EALD).

Your career: Units 1 to 4 are taught to develop students' academic English skills in order to prepare them for tertiary study. EAL and the bridging Units 1 to 4 provide the linguistic foundation for work, training or further study.

LITERATURE (T)

At college: In Literature students will engage and respond creatively and critically to literary texts drawn from the past, the present and from Australia and other cultures. This course moves beyond the explorations of the English T course and looks more closely at how literary texts shape perceptions of the world. The course is rich in literary critique and dialogue about literature.

Your career: For the student who loves words, analysing texts, is passionate about English and/or enjoys reading a variety of different texts from different time periods. This course is useful for future tertiary studies and your lifelong enjoyment of reading.

BRIDGING LITERACY (A/M)

At college: Bridging Literacy is the best course for students who are still becoming confident in reading, writing, and spelling. Units connect the study of literacy to students' other subjects, with skills in research, proofreading, and clear communication. The topics and strategies taught will help students to use literacy as a tool for full participation in society and they will explore media, everyday, social and workplace texts.

Your career: You will acquire the functional literacy to thrive in practical, hands-on jobs as well as confidently read and write in everyday life. Students who want to do this course should be identified by their high school and will be further assessed on entry, as it is designed to help them achieve the benchmark of Australian Core Skills Framework Level 3.



▶ HUMANITIES

Faculty - Professional Services /
Humanities / IT

ANCIENT HISTORY (T/A/M)

At college: The Ancient History course explores life in early civilisations through the analysis and interpretation of physical and written remains. It covers the period from early human communities to the end of late antiquity (650 CE), with a focus on the ancient societies of Europe, the Near East, and Asia.

Your career: Ancient History opens a world of mystery and wonder, helping us see today's human stories with greater clarity. Students develop strong evidence interrogation skills and the ability to present validated interpretations.

EDUCATION STUDIES (T/A)

At College: Education Studies is for students passionate about teaching, learning, and the future of education. The course explores the philosophies, history, and sociology of education, alongside the science of learning and development. Students build critical thinking, collaboration, and communication skills, preparing for careers in teaching, policy, youth work, and beyond.

Your career: Education Studies opens doors to careers in teaching, training, youth work, childcare, government, and more. It also builds skills for roles in educational technology, museum and gallery education, and community outreach, while providing a strong foundation for further study in education, psychology, social work, and business.

INTERDISCIPLINARY STUDIES - POLITICS, POWER AND STRUGGLE (T/A)

At College: Students explore Australian and global politics, examining the economic and political forces shaping societies. The course blends insights from politics, international relations, and economics, exploring how systems interact with global dynamics. Students will analyse key political issues, compare ideologies, and study current events to understand power. By the end, they'll be prepared to engage with modern politics.

Your career: This course develops critical thinking, communication, and problem-solving skills for careers in law, government, public service, advocacy, diplomacy, research, and business. Students build the capabilities needed to lead in a rapidly changing world.

GEOGRAPHY (T/A)

At college: Geography explores the physical and human worlds, focusing on the diversity of places, peoples, cultures, and environments. Students examine themes at local, national, and global scales, encouraging them to consider their place, role, and responsibilities as global citizens.

Your career: You will sharpen your investigative skills and deepen your understanding of the world. Fieldwork opportunities encourage an inquiry-based approach to exploring physical and human environments.

MODERN HISTORY (T/A/M)

At college: The Modern History course examines the forces shaping today's world. Students study key events from the 18th and 19th centuries, including the French and American Revolutions, as well as 20th-century events like World Wars I and II, the Great Depression, Nazi Germany, Civil Rights, the Women's Movement, globalisation, and post-colonial Indigenous histories.

Your career: Modern History aims to give students a broad understanding of the period and the skills for further study. If you enjoy reading, thinking critically about the past, and working with primary and secondary sources, this course is for you.

PRE-MODERN HISTORY (T/A/M)

At college: Pre Modern History studies medieval history, covering the years c.400-1750 CE, and may include the Vikings, the Polynesian expansion, samurai Japan, the legends of Robin Hood and King Arthur and Confucian China.

Your career: Pre Modern History offers a general understanding of the period and skills for further study. If you enjoy exploring the past and working with primary and secondary sources, this course is for you.

SOCIOLOGY (T/A)

At college: Sociology examines the interaction between people and societal elements, exploring the influence of media, religion, family, and social institutions. It encourages questioning the status quo and understanding how society functions.

Your career: Students develop problem-solving skills, learn to recognize bias, and critically assess their assumptions – valuable skills for any workplace.

▶ INFORMATION TECHNOLOGY

Faculty - Professional Services /
Humanities / IT

Lake Tuggeranong College has a number of IT 'streams'. These can be studied over years 11 and 12 to form a major. To build a double major, students can combine two streams, with the exception of the 'Development' units, which cannot be combined. Students have the opportunity to gain a Certificate II or Certificate III in IT if they complete a double major.

NETWORKING & CYBER SECURITY (T/A/V/M)

At college: This stream is a networking and programming course that has cyber security as a focus. Students learn how to set up equipment including routers, switches, and wireless networks. Students learn how to program microcontrollers to develop an interactive ethical hacking 'cyber range'.

Your career: The world has changed and there is a shortfall in skilled IT professionals in the field of cyber security. Students pursue further studies at CIT and University and enter into graduate programs offered by public service departments.

INTERACTIVE SOFTWARE DEVELOPMENT (T/A/V/M)

At college: This stream integrates software design and programming skills, to produce interactive software solutions. Students work individually in Year 11 designing and coding simple games and in small teams in Year 12 to develop project management skills to create Mobile and VR solutions.

Your career: The stream is aimed at producing a variety of skills used in the emerging industries worldwide. Students use their skills in further education including the Academy of Interactive Entertainment (AIE), CIT and Universities to complete interactive software-based IT courses.

WEB & E-COMMERCE DEVELOPMENT (T/A/V/M)

At college: This stream is intended for students wanting to pursue a career in website development, administering computer-based systems including databases, and develop skills in project management. Students develop and create e-commerce solutions. Students learn transferable programming skills. This course is offered as remote-learning only.

Your career: The use of e-commerce and database systems has taken over the world. Students graduate and seek further studies at CIT and universities, and can work in the public service and small business setting up and administering websites and databases.



▶ LANGUAGES

Faculty - Languages

Three languages, Chinese, Japanese and Spanish are offered at Lake Tuggeranong College. Students do not need any experience or prior study to undertake a language course at LTC, as they may study languages at beginner, continuing, or advanced level. Students should take into consideration the number of years the language has already been studied (if any), prior to selecting into a particular level of language at college.

Learning another language widens students' horizons, broadens cognitive and cultural experience and develops communicative and intercultural competence. It is useful for those students wanting to study a language at university, seeking employment, or for those wanting to travel.

CHINESE (T/A)

At college: In Chinese, students develop an understanding of the nature of the Chinese language including its linguistic and stylistic features. Students learn about Chinese culture and traditions including the study of Chinese literature for those studying it at the advanced level. Students learn how to communicate both in a written and oral form in the Chinese language. In Chinese, students will study the following units: The Individual, Society and Community, The Changing World, and Diverse Perspectives.

Your career: China's regional and international influence easily reaches us in Australia, and learning this language opens many potential career doors for students. Multicultural Australia also beckons, and students graduating from studying Chinese will become much more adept at interacting with Australians from a Chinese cultural background. When possible, the college arranges immersion trips to China, as part of the course. Some universities offer an extra 5 ATAR points for students who have studied Chinese.



JAPANESE (T/A)

At college: In Japanese, students develop an understanding of the nature of the Japanese language including its linguistic and stylistic features. Students learn about Japanese culture, traditions and literature and how to communicate in a written and oral form in the Japanese language. In Japanese, students will study the following units: The Individual, Society and Community, The Changing World, and Diverse Perspectives.

Your career: Japan is a destination of choice for many Australians – both as tourists and as admirers of the culture. As a trading partner and a place of wonder, the possibilities for students studying Japanese are endless and exciting. When possible, the college regularly hosts trips to Japan, as part of the course.

SPANISH (T/A)

At college: In Spanish, students develop an understanding of the nature of the Spanish language including its linguistic and stylistic features. Students explore Spanish culture, traditions and literature. They learn how to communicate in a written and oral form in the Spanish language. In Spanish, students will study the following units: The Individual, Society and Community, The Changing World, and Diverse Perspectives.

Your career: A hint of European excitement awaits students taking this course: Spain is a classic mix of cultural influences, and any trip to Europe would do well to add it to the itinerary. If you are drawn to Europe, this course is for you. When possible, the college runs an excursion to Spain, as part of the course.

▶ MATHEMATICS

Faculty - Mathematics

BRIDGING NUMERACY (A/M)

At college: Bridging Numeracy intends to create numerate citizens able to use mathematics to inform decision making tailored to real-world applications. This course aims to cultivate critical thinking, problem-solving, and collaboration skills through authentic tasks and experiences encountered in professional settings. It fosters an appreciation for the value of numeracy skills in personal, academic, and professional contexts, encouraging lifelong learning and continuous skill development. This course will use the Australian Core Skills Framework (ACSF) (Level 3) and numeracy skills embedded in context at its core.

Your career: This course upskills and develops students with the fundamental skills necessary for employment and life beyond college.

ESSENTIAL MATHEMATICS (A)

At college: Essential Mathematics focuses on enabling students to use mathematics effectively, efficiently and critically to make informed decisions in their daily lives. It provides students with the knowledge, skills and understanding to solve problems in real contexts in a range of workplace, personal, further learning and community settings.

Your career: Students are prepared for post school options of employment and further training. Problem solving and reasoning skills are developed in this course.



MATHEMATICAL APPLICATIONS (T)

At college: Mathematical Applications develops mastery in topic areas such as numbers, algebra, geometry, trigonometry, graphs, networks and statistics. Problem solving, reasoning and communication skills are developed deeply. A pass in Year 10 Australian Curriculum Mathematics is recommended.

Your career: Mathematical Applications is designed for those students who want to extend their mathematics beyond Year 10 but whose future studies or employment pathways do not require knowledge of calculus.

MATHEMATICAL METHODS (T)

At college: Mathematical Methods is a fundamental calculus and statistics course. This course builds on strong algebra skills in areas of functions, graphs and probability, with students mastering how to construct models in these areas. A minimum of a C grade in 10A (Advanced) Mathematics in high school is recommended.

Your career: Mathematical Methods is designed for students whose future pathways may involve mathematics and statistics and their applications in a range of disciplines at the tertiary level.

SPECIALIST METHODS & SPECIALIST MATHEMATICS (T)

At college: Specialist Mathematics is a course enabling students to master and extend their knowledge and refine their abstract reasoning ability in all areas of mathematics. They develop rigorous mathematical proofs and apply these to mathematical models. Students may complete a major, major/minor or a double major in Specialist Mathematics.

Your career: This course is designed for students with a strong interest in mathematics, including those intending to study mathematics, statistics, physics, economics or engineering at university.

MATHEMATICS SUPPORT SESSIONS (R)

At college: Mathematics Tutorials are available at designated times each week. A student attending a minimum number of hours of tutorials as an R unit may achieve additional points for their Senior Secondary Certificate.

Your career: Tutorials in Term 1 are targeted towards Year 11 Tertiary students and are based on the outcomes of the diagnostic test conducted at the start of the school year. During the rest of the year, any student may attend to get help with their work on a regular basis or only when they need help.



▶ PERFORMING ARTS

Faculty - The Arts

Lake Tuggeranong College has a long and proud history of delivering high-quality performing arts courses that develop creativity, practical competence, theoretical knowledge, interpersonal, social, and academic communication skills in all students. Units studied explore historical and contemporary contexts that are assessed through creating, composition, performance, seminars, podcasts, and written analytical research tasks.

DANCE (T/A/M)

At college: Dance styles studied will vary depending on the focus of the unit being studied and include contemporary, jazz, hip hop, and ballet. Similarly, theory topics will vary according to the unit and range from historical developments, the role of dance in society, human anatomy and physiology for dancers, composition concepts, movement analysis, and the impact of media on dance.

Your career: This course is offered to students who aspire for a career in dance or in a related industry, as well as to those with an interest in and commitment to dance for recreation and fitness. Previous dance experience is not necessary for enrolment into this course and students with a range of experience and skill level can be catered for. Opportunities exist for students who wish to extend their dance studies beyond the BSSS course.



DRAMA (T/A/M)

At college: In Drama, we explore theatre texts from different times and places. We also learn techniques for voice and movement, and how to improvise. A lot of our learning is done through play, but underneath that, we are serious about communicating ideas to an audience. Drama draws together different creative disciplines to create an experience for others. Whether we are presenting a Shakespeare play or devising a piece of theatre about issues that matter to us, our goal is to communicate something to our audience.

Your career: We develop confidence through acting, learning to perform in front of others, trying new things and stepping outside our comfort zone. We collaborate a great deal in the acting space, learn to be part of an ensemble team, supporting each other and working with our different strengths to create something together. Reading and interpreting a script or learning lines can be challenging and involves understanding a text incredibly well: this develops our critical thinking, vocabulary, and creativity. We gain knowledge of different acting theories, lives in different periods of history, and the world. We learn about other people by standing in their shoes as an actor.

MUSIC (T/A/M)

At college: Music is delivered through the study of traditional and contemporary music units. This course enables students to expand their knowledge of music, explore numerous styles as a performer, and master skills through theoretical, analytical, creative, and practical experiences in music. Students will learn and develop skills through composition, solo and ensemble performance, and music analysis activities. The course is designed to develop intercultural understanding, creative thinking, competence using technology for music production, and communication in constantly changing global contexts.

Your career: Students develop personal capability and confidence in music performance, public speaking, creative analytical thinking, project management and collaboration. These skills are highly valued by tertiary institutions and all employers. There are opportunities for students to also be involved in external enrichment programs of study, school and community performances, and school musical productions.

▶ PHYSICAL EDUCATION

Faculty - Science & Physical Education

EXERCISE SCIENCE (T/A/M)

At college: Exercise Science is a theory-based course which examines biological, physiological and biomechanical knowledge and their practical applications in the science of physical activity and human movement. This course has a focus on how the human body works, human performance, fitness and physical activity.

Your career: It is highly recommended for those who wish to enter into further studies in the fields of teaching, nursing, physiotherapy, sports studies, paramedics, medicine, coaching, recreational, chiropractor and other allied health careers.

HEALTH AND WELLBEING (T/A/M)

At college: Health and Wellbeing is a theory-based course focusing on the understanding of health in the context of social and cultural influences on the broader community wellbeing. It examines the theories and mechanisms necessary to develop and promote healthy values and behaviours for individuals, groups, communities and nations.

Your career: This course prepares students for career and employment pathways in a range of professional health policy, international health aid, allied health and community service sectors and a range of community and international development.

PHYSICAL EDUCATION STUDIES (A/M)

At college: Physical Education Studies is both a practical and theoretical course which provides students with skills, values, positive attitudes and knowledge to learn about and practice ways of maintaining active healthy lifestyles. It focuses on working with others to improve physical and team skills through both theory and practical activities. It assists students in preparing for lifelong physical wellbeing.

Your career: This course is open to students of all skill levels and physical abilities and aims to enhance students' own health and wellbeing through physical activity. The study of Physical Education Studies provides possible pathways to further study in vocational areas for employment as a trainer, coach or in voluntary community coaching as well as providing foundations for life-long health.

SPORTS DEVELOPMENT (T/A/M)

At college: The course is both a practical and theoretical course which focuses on specialised sports development for the individual. Students learn about principles of high performance, self-awareness and understanding of their prowess in an individual sport. They learn about and practice ways of maintaining elite performance. This course prepares students aspiring to participate in elite sport through tailored physical training (strength and conditioning) components at Club Lime with a focus on the individual athlete's sport. Entry to this course is based on participants being involved in representative competitive sports as either an athlete, referee, official, coach or sports administration in regular community competitions.

Your career: Sports Development is an integral area of study for the elite and competitive sports person, official or administrator. This course actively engages students in understanding the intellectual, social, emotional and physical development within their sport.



▶ PROFESSIONAL SERVICES

Faculty - Professional Services /
Humanities / IT

BUSINESS SERVICES (A/V/M)

At college: Business Services provides students with the knowledge, skills and understanding of business practices, procedures and concepts relevant to working in a business service and/or business industry environment.

Your career: Students can achieve a Certificate II in Workplace Skills and a Certificate III in Business (Statement of Attainment). They learn to analyse, problem solve, make decisions and develop interpersonal and intrapersonal skills which are highly suitable for employment and further training in a wide variety of industries.

BUSINESS STUDIES (T/A/M)

At college: Business Studies focuses on the study of the essential planning requirements involved in operating a business. The course covers skills ranging from a small business to the broader roles of management, finance, human resource management, marketing, e-business, ethical practices, sustainability, and the impacts of implications of the future business environment.

Your career: Students gain an understanding of the structure and operation of businesses, and prepare a business plan, which prepares them for the real world of work. The Business course provides continuity with many pathways into tertiary and industry studies.

LEGAL STUDIES (T/A/M)

At college: Legal Studies provides students with an insight into the criminal justice and political systems on local, national and global levels. Students explore issues of law and society and evaluate the role of the justice system in society.

Your career: Legal Studies isn't just about becoming a lawyer. Students studying the course gain a better understanding of their opinions, enhance their skills to develop persuasive, evidence-based arguments, and critically evaluate problems and solutions.



SOCIAL & COMMUNITY WORK (A/M)

At college: Social and Community Work provides students with an introduction to working in the various community services and care sectors in our community - children, the elderly, people with disabilities, and youth. Students learn about caring for different groups, the issues they face and how we can support and advocate for their needs.

Your career: This industry is one of Australia's fastest-growing employment sectors. Many of our graduates can exit college into full time work because of the skills they gain from the units they studied. Combine study with Work Experience and/or an ASBA in the field, and you are well on your way to securing a post-college career with purpose.

EARLY CHILDHOOD STUDIES (A/M)

At college: Students explore the experiences, development, needs, rights, and education of children. They explore a wide range of approaches to the care and education of children. They develop knowledge and understanding of children through analysing key concepts, theories, learning frameworks, structured play activities and regular interaction with preschool children.

Your career: Supports further study in education and childcare at CIT/TAFE or university. They will be able to access work opportunities in the growing industries of childcare and education as teachers and childcare workers.

EVENT MANAGEMENT & TOURISM (T/A/M)

At college: Event Management examines and evaluates the impact of social, cultural and environmental issues from a tourism and hospitality perspective. It covers the industry as a workplace as well as a contributor to our economy. There is a strong link with event planning that has many employment opportunities across Canberra.

Your career: This course helps develop attributes essential for careers in event management or the tourism industry - both of which offer entry-level roles that value highly desirable employability skills.

▶ SERVICES & TRADES

Faculty - Technology

AUTOMOTIVE TECHNOLOGY (A/M)

At college: Automotive Technology will provide foundation knowledge and skills especially for those interested in employment in the automotive field. Topics covered include Automotive Principles, Automotive Electrical Systems, Vehicle Components and Systems, Automotive Drive Systems and Independent Study.

Your career: The 2023 'Skills Needs List' identified multiple shortages of Automotive Mechanics, Automotive Electricians, Motor Vehicle Part and Accessory Fitters, Motor Vehicle and Vehicle Parts Salespersons, Panel Beaters and Spray Painters. It encompasses a Certificate II in Automotive (Statement of Attainment).

CONSTRUCTION PATHWAYS (A/V/M)

At college: Construction Pathways provides hands-on learning and helps students develop their skills and knowledge in carpentry and building construction. With a focus on project-based learning, students will learn the processes and practices involved in a variety of construction industry vocations.

Your career: This course, taught in our purpose-built training facility, encompasses a Certificate II in Construction Pathways and opens a door to a career pathway in the construction industry.

FOOD STUDIES (A/M)

At college: This course offers students a range of practical and theoretical learning experiences related to food preparation, food presentation and strategies for achieving a healthy lifestyle through good nutritional practices. Students will develop communication, teamwork and problem-solving skills as they work with peers on various projects.

Your career: Students will have increased prospects to be employed in food related occupations such as in the Hospitality and food handling industry, Chef, Food Styler and Food Photographer. This course will also provide the basis for further studies in food related CIT courses or university courses.



FURNITURE MAKING (A/M)

At college: Furniture Making will provide students with the knowledge, skills and understanding to become skilled in industry practices, processes, procedures and concepts in working with timber for cabinet making, kitchens and joinery trades. This course is delivered in a state-of-the-art workshop with teachers who are industry qualified.

Your career: Furniture Making is a trade-focused course that provides a pathway to an apprenticeship in the construction industry or further study.



METAL PRODUCTS (A/M)

At college: Metal Products is for students with an interest in practical metalworking skills. The course has a large practical component with students developing relevant technical skills to design and make a range of metal products.

Your career: This course is intended to meet the needs of students who have a general interest in industrial technology trades as well as those intending to choose a career pathway into traditional metal trades and related service industries such as fitting and machining, light fabrication and boiler making.

TIMBER PRODUCTS (A/M)

At college: Timber Products provides students with practical woodworking and relevant technical skills to design and make a range of timber products. The course has a design focus using timber and wood products as the design medium.

Your career: In Timber Products students learn to safely use tools and timber materials to design and create timber products. They learn skills that are useful for life, for recreation or as a transition to employment or further education.

SCIENCE

Faculty - Science & Physical Education

BIOLOGY (T/A/M)

At college: Biology is the scientific study of the diversity of living organisms, their evolution and their interactions and functions. The course will enhance your investigative, analytical, communication skills and your understanding of the natural world and the place of people and other organisms within it.

Your career: It is perfect for students intending to pursue careers in areas such as physiology, nursing, paramedical or medical sciences, wildlife biology, zoology, botany, genetics, biochemistry, forestry, and natural resources.

CHEMISTRY (T)

At college: Chemistry is the study of materials and substances and the transformations they undergo through interactions and energy transfer. This course develops students' analytical and critical thinking through both theoretical and practical investigation of chemical composition, structure, properties, and reactions of substances.

Your career: Chemistry is strongly recommended for students interested in pursuing tertiary studies in fields such as pharmacy, science, chemical engineering, genetics, medicine, forensics, environmental science, sports science, or veterinary science.

EARTH & ENVIRONMENTAL SCIENCE (T/A)

At college: Earth and Environmental Science is a multifaceted field of inquiry that focuses on interactions between the solid Earth, its water, its air and its living organisms. To do this, they integrate knowledge, concepts, models and methods drawn from geology, biology, physics and chemistry in the study of Earth's ancient and modern environments. Earth and environmental scientists strive to understand past and present processes so that reliable and scientifically defensible predictions can be made about the future.

Your career: The knowledge, understanding and skills introduced in this subject will encourage students to become confident, active citizens who can competently use diverse methods of inquiry, and will provide a foundation for further studies or employment in Earth and environmental science related fields such as the Mining industry, National Parks and Wildlife, Environmental & Town Planning and impact assessment, renewable energy sector and more.

FOOD SCIENCE AND NUTRITION (T/A/M)

At college: In Food Science and Nutrition, students integrate the scientific method to designing and carrying out investigations that explore the links between food, health, and diet-related diseases. Students examine factors that influence food choices, methods of food production and distribution and consider the ways they have evolved and influenced the health of individuals and communities.

Your career: The course provides a foundation for anyone considering food-related courses at university such as nutrition or food chemistry, as well as key skills that are useful for both a career in the hospitality industry as well as everyday life.

HORTICULTURE (A/M)

At college: The study of sustainable horticulture enables students to develop an in-depth understanding of plant production through observation, experimentation, discussion, analysis and hands on experience. Students will learn how to run a modern horticulture business using methods based on proven scientific principles and practice.

Your career: This course provides students with education and training to industry standards. Successful completion of the competencies will result in the student being awarded a Certificate from the Agriculture, Horticulture and Conservation and Land Management Training Package. The achievement of these competencies will provide a natural progression into further training within the Horticulture, Conservation and Land Management industries.



HEALTH SCIENCE (T/A/M)

At College: Health Science takes students on a journey into the human anatomy and the systems that sustain life. Through the scientific method, they explore the foundations of medical science. Whether aspiring to careers in medicine, allied health, or biomedical research, students gain the knowledge needed to make informed decisions in the ever-evolving world of science and health.

Your Career: Health Science prepares students for careers in medicine, nursing, physiotherapy, biomedical research, public health, sports science, and allied health fields. It also builds skills for roles in health policy, medical technology, and science communication, providing a strong foundation for further study and professional pathways in healthcare and research.

INTERDISCIPLINARY SCIENCE - FLIGHT (T/A/M)

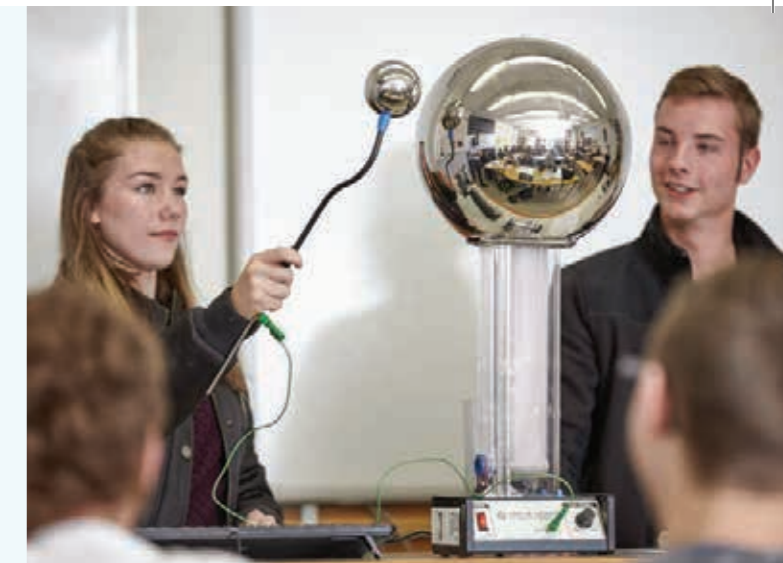
At college: The Flight stream of the Interdisciplinary Science course develops students' skills in the application of science, mathematical and technological knowledge and understanding within the aviation context. The course is structured around integrating the theoretical requirements of the commercial pilot's licence, covering the science of flight, meteorology, navigation and commercial aviation and integrates extensive flight simulator training within the Interdisciplinary Science units.

Your career: This course provides students with scientific inquiry skills, critical thinking abilities, and scientific literacy to support pathways into careers in aviation, aeronautical engineering, and other civil or military aviation-related fields.

INTERDISCIPLINARY SCIENCE (T/A/M)

At college: This course uses a STEM approach to learning using problem-based learning, case studies, active inquiry and practical investigations. Interdisciplinary Science develops students' scientific literacy across a range of disciplines including Biology, Chemistry, Physics and Earth and Environmental Sciences through interdisciplinary science topics including Drones, Oceanography, Forensics Science, Animal Science, Horticulture, Consumer Chemistry and Environmental Science and can be tailored to student interests.

Your career: The study of Interdisciplinary Science equips students with the skills to be independent thinkers and life-long learners who are confident to pursue a wide range of study pathways and careers in an increasingly globalised society.



PSYCHOLOGY (T/A)

At college: Psychology provides students with the scientific understanding of the human mind and behaviour. Students develop their understanding of how humans think and feel and why people may make certain decisions. We explore the importance of early childhood factors on lifelong development through to understanding mental health and wellbeing, and the effect groups have on individual decision making.

Your career: The course will provide critical thinking and communication skills valuable for a wide a range of life and work settings. Their understanding of people and multiple perspectives will enable and enrich their interactions with people and groups and will provide a pathway for students interested in Psychology as a profession.

PHYSICS (T)

At college: Physics investigates the fundamental nature of the physical universe. This mathematical science provides students the with opportunity to make quantifiable predictions about the natural world, and test these through rigorous experimental investigations.

Your career: A study of physics develops high levels of analytical and critical thinking which are applicable across a wide range of technologically based careers e.g. science, engineering, and medicine. It provides a strong basis for tertiary studies requiring data analysis.

▶ VISUAL ARTS

Faculty - The Arts

This learning area offers creative, dynamic, practical, and theoretical design courses that are responsive to the interests and needs of all students.

CERAMICS (T/A/M)

At college: Ceramics offers students the opportunity to be creative, design, draw and explore a wide range of clay building methods, turning skills, glazing techniques, and correct firing in a kiln. Students learn about the history of ceramics as well as the varying aspects of all types of clays, firing techniques, glazing options, as well as the exploration of colour. Students can study this unit in conjunction with Visual Arts.

Your career: Students develop 3-D drawing skills as they invent, design, then produce quality art pieces for display. The technical skills acquired can open pathways to visual arts courses offered by universities and are essential for various creative and construction industry jobs.

MEDIA (T/A/M)

At college: The Media course offers students the opportunity to study the concepts and theory related to digital technology and produce practical projects using the industry standard facilities at the college. Students examine the creative process in Media, with a particular focus on television, film, radio, digital sound, print and multimedia.

Your career: The Media course prepares students for a career in the Media industry. Our computer platforms host Windows computers that are equipped with the complete Adobe Creative Suite, giving students access to the latest Media industry standard software. Students will create a portfolio of Media work which can be used to enter tertiary institutions or creative industry jobs.

PHOTOGRAPHY (T/A/M)

At college: This course is supported by LTC's outstanding photographic facilities, including a dedicated lighting studio. Units cater to all levels, from introductory digital to advanced art photography. Students use Adobe Creative Suite in our computer labs and can print work to a professional standard with our large-format colour printer.

Your career: Students of this subject can use their photography portfolio to apply for tertiary courses at institutions such as ANU, UC, and CIT, as well as for roles in the creative industries. The course also helps students develop skills that support part-time employment or business opportunities.

VISUAL ART (T/A/M)

At college: Visual Art provides practical and theoretical experiences to develop core knowledge of art as well as drawing skills, painting skills, and an appreciation of the visual arts whilst working with a broad range of materials. Students can study this in conjunction with Ceramics or Glass Art.

Your career: Students develop creative and critical thinking skills as they design and produce a portfolio of work in their visual art diary. Students studying this subject can use their portfolio of work to apply for visual art courses offered by ANU, UC, CIT, other universities, and creative industries.



EXTRA CURRICULAR STUDIES

In addition to the curriculum directly on offer by the college, students may elect to participate in courses from other educational providers – most of which can contribute to their senior secondary certificate.

REGISTERED (R) UNITS

A Registered (R) Unit is a learning experience designed to develop capabilities through learning that takes place outside of the formal learning program. R units contribute credit toward the Senior Secondary Certificate through student participation in the following types of activities:

- Drama Productions
- Road Ready
- Sustainability
- IT Support
- Pathways to Work Course
- Subject Tutorials
- Leadership Programs and Opportunities
- WEX and Online WEX
- Industry Programs
- College Sport
- Music Productions
- Volunteering

TRaCX

Held each Tuesday from 12:00 to 1:00pm, TRaCX provides students the opportunity to engage in activities that extend beyond the traditional classroom, supporting both personal growth and future readiness. Participation can contribute credit toward the Senior Secondary Certificate through micro credentials and R Units. It can also strengthen applications for further education, training or employment.

TRaCX options include:

- Micro credentials and capability building
- Extra supports such as resume building and industry speakers
- Recreational and enrichment activities
- Student-led sessions and leadership development

CIT OPPORTUNITIES

Students can avail themselves of courses offered at the Canberra Institute of Technology (CIT). Courses have included: Spatial and Surveying, Childcare, IT, Library Studies, Business, Travel, Accounting, Bar Service, White Card and Asbestos training and MYOB. Students interested in these options should make an appointment with the Careers team at college to see how this might contribute to their Senior Secondary Certificate.



▶ THE ANU EXTENSION PROGRAM WEBSITE

ANU EXTENSION PROGRAM

Admission is by application through ANU processes. There is no entry fee, though some course costs apply. Courses include: Chemistry, Specialist Maths, Biodiversity, Continuing Japanese, Advanced Japanese, Continuing Chinese, Beginning Korean, Astrophysics, Discovering Engineering, and Physics. Follow the link above or the LTC Careers Website for more information.

ACCELERATED PATHWAYS PROGRAM - UC

Studying in the University of Canberra Accelerated Pathways Program will complement your college studies and give you access to the library, computer systems and modern learning and research facilities at UC. There are no entry fees. You will thrive in an environment where innovation, collaboration and hands-on experience unite to expand your horizons and create a pathway to your future. Courses include: Business Decision Making, System Anatomy & Physiology, Understanding People & Behaviour, Creative Writing, and Politics & Democracy.

IT ASbAS – STUDENT IT SUPPORT TEAM

The IT ASbAs program offers two students each year into an IT ASbA program. Students apply and are selected based on their skills and abilities to support IT systems at the college. ASbAs are paid positions and the resulting Certificate III in IT provides students with pathways into more IT study and employment after completion.

SERVICES AUSTRALIA – CYBER PROGRAM

This is a program that runs during our 'College Programs' timetable. We link with IT professionals from Services Australia to create cyber security-based projects. The program consists of students working with the Services Australia cyber security staff. The students learn about Linux and ethical hacking tools and techniques and apply these to create a solution in their projects. The aim is to ensure our future workforce is skilled in preventing systems being compromised. Our students use the extension program to enhance their CVs when applying to university and for IT related jobs in cyber security.

HOW TO ENROL

Lake Tuggeranong College invites parents and carers wishing to enrol their young person at Lake Tuggeranong College for 2026 to visit the Lake Tuggeranong College website or the ACT Education Directorate website and complete the Online Enrolment Application form.

CONTACT INFORMATION

ADDRESS

Cowlishaw Street, Tuggeranong ACT 2900

PHONE NUMBER

(02) 6142 3600

GENERAL ENQUIRIES EMAIL

info@ltc.act.edu.au

WEB LINKS



LAKE TUGGERANONG COLLEGE WEBSITE



THE EDUCATION DIRECTORATE WEBSITE



LAKE TUGGERANONG COLLEGE CAREERS WEBSITE

PRIORITY ENROLMENT AREAS

Lake Tuggeranong College welcomes enrolment applications from outside of the Priority Enrolment Area and from NSW.

COMPLETING AN APPLICATION



THE APPLICATION FORM

IMPORTANT DATES

Important dates for a young person starting college in 2026 are:

- ▶ 29 April 2025 - applications open.
- ▶ 6 June 2025 - Apply by this date to get an offer from as early as 28 July 2025.
- ▶ 7 June 2025 - Applications from this date onwards can expect an offer later in the year.

You will also need:

- An email address where you can be contacted
- A current ACT or ACT region home address
- Emergency contact details
- Student USI number, if known

More information on Enrolling at an ACT public school can be found by following the How To Enrol In A College QR link or by calling the College on (02) 6142 3660.



HOW TO ENROL IN A COLLEGE

THE SENIOR EXECUTIVE TEAM

PRINCIPAL

David Briggs
t: (02) 6142 3660
e: david.briggs@ed.act.edu.au

DEPUTY PRINCIPAL - CURRICULUM / VET COORDINATOR

Emily Tutin
t: (02) 6142 3680
e: emily.tutin@ed.act.edu.au

DEPUTY PRINCIPAL - STUDENT WELLBEING

Kristy Buchanan
t: (02) 6142 3720
e: kristy.buchanan@ed.act.edu.au

SOCIAL MEDIA LINKS



FACEBOOK



INSTAGRAM



WORDPRESS



Lake Tuggeranong College
123 Cowlshaw Street, Greenway ACT 2900
PO Box 1188 Tuggeranong ACT 2901
info@ltc.act.edu.au
(02) 6142 3660