

STRIVE FOR HIGHER THINGS



One Tree Hill
COLLEGE

Senior Course Handbook 2027

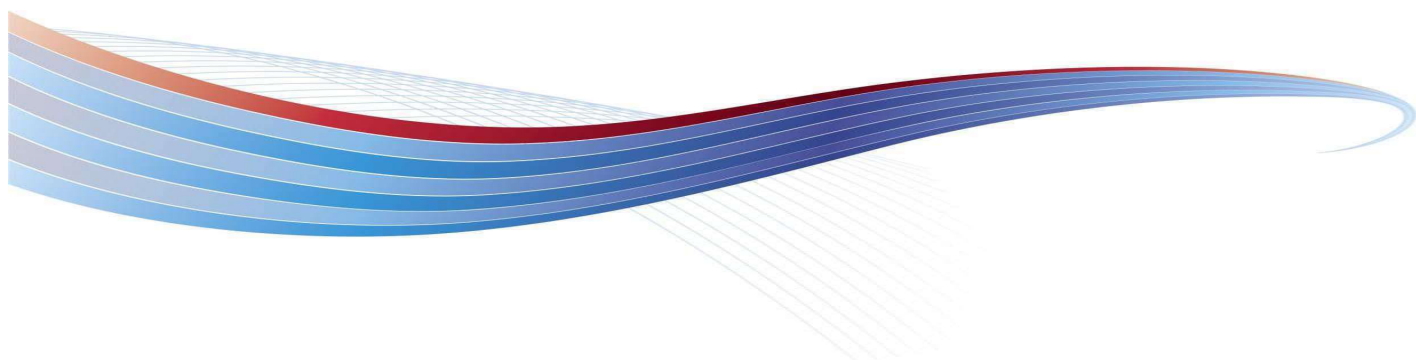


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INTRODUCTION

This Course Handbook provides you with information about the senior courses available at One Tree Hill College.

To choose your courses you should talk to your subject teachers, Curriculum Leaders, Whānau Leaders, Whānau Teachers, and Careers Staff to find what subjects are most suitable for you.

Ask yourself:

- *Do I have the ability to study this subject?*
- *Do I enjoy this subject?*
- *Do I have the pre-requisites I need to study this subject?*
- *Is this subject going to help me achieve my goals?*

COMPULSORY SUBJECTS

All Year 11, 12 and 13 students' study FIVE subjects.

2027: YEAR 11/NCEA LEVEL 1

- *English, ESOL or Integrated Studies English*
- *Mathematics or Integrated Studies Mathematics*

2027: YEAR 12/NCEA LEVEL 2

- *English*

2027: YEAR 13/NCEA LEVEL 3

There are no compulsory subjects in Year 13.

However, to achieve the University Entrance award you must take at least three University Entrance Approved subjects and gain 14+ credits in them all (alongside gaining NCEA Level 3).

COURSE FEES AND TRIPS

Please note: *Some courses have fees for materials. You are expected to pay the fees before being given the course materials. Where courses have trips that have assessment requirements, please be aware that these trips are COMPULSORY.*

PREREQUISITES

*There are **prerequisites** for some courses. A prerequisite is the minimum level of achievement that you must have reached, before selecting the course as an option.*

NCEA AND UNIVERSITY ENTRANCE

In 2027 the qualifications students' study towards are:

- NCEA Level One
- NCEA Level Two
- NCEA Level Three
- University Entrance

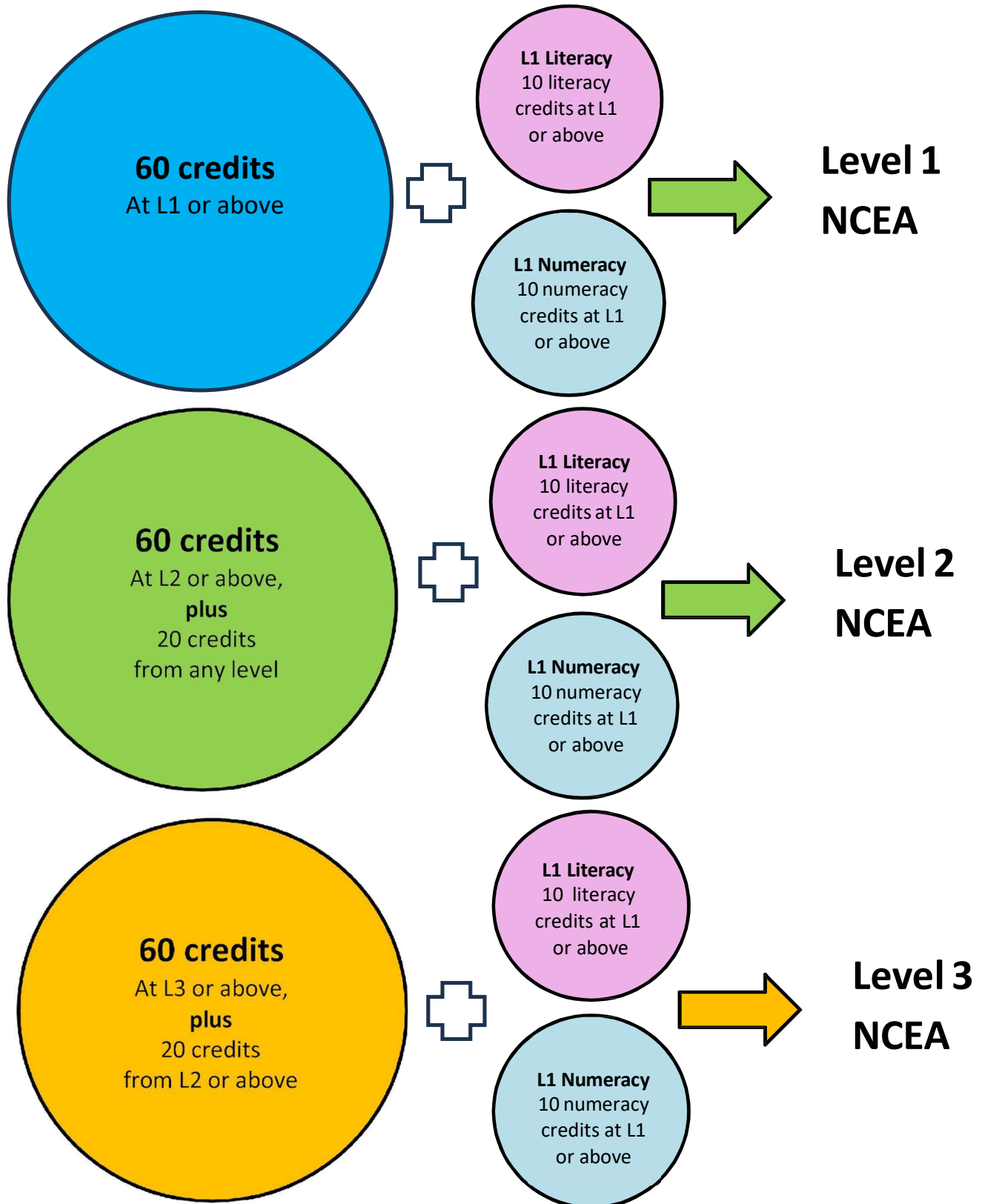
GATEWAY WORK EXPERIENCE PROGRAMME

The Gateway Programme is an exciting opportunity for a student to investigate or broaden their future career options by integrating school-based learning with structured learning in the workplace. Students attend a workplace one day a week for approximately 10 weeks, where they gain hands-on practical skills, as well as having their learning in the workplace assessed against up to 20 NZQA standards. Gateway is not a classroom-based subject.

Students with an excellent attendance record and Level 1 Literacy and Numeracy will be selected into this programme, based on a successful interview with our Gateway Coordinator.

Students will be spoken to during assembly in Week 8 of Term 3. All students will then be sent a link to apply.

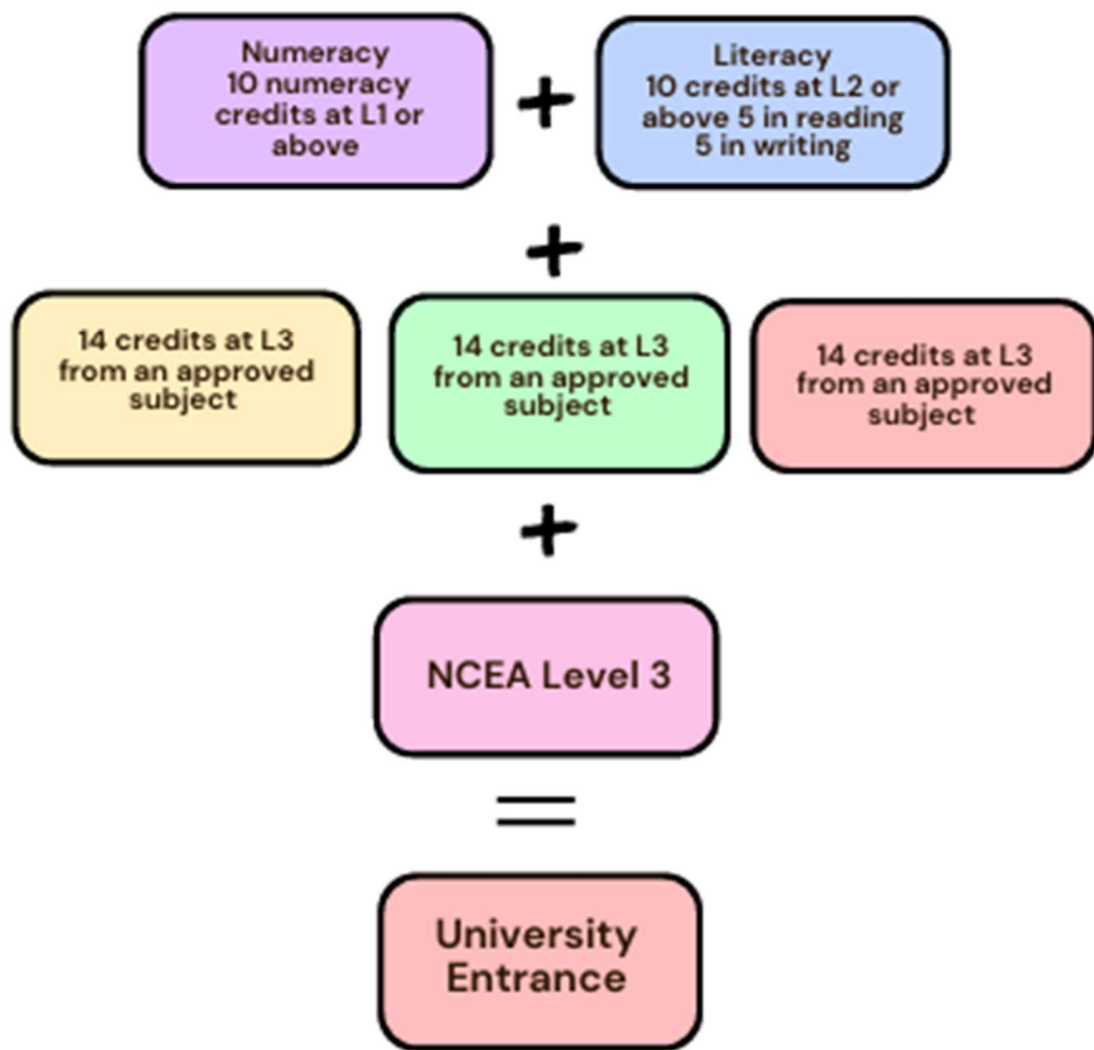
How do I achieve Level 1, 2 and 3 NCEA?





Careers Center

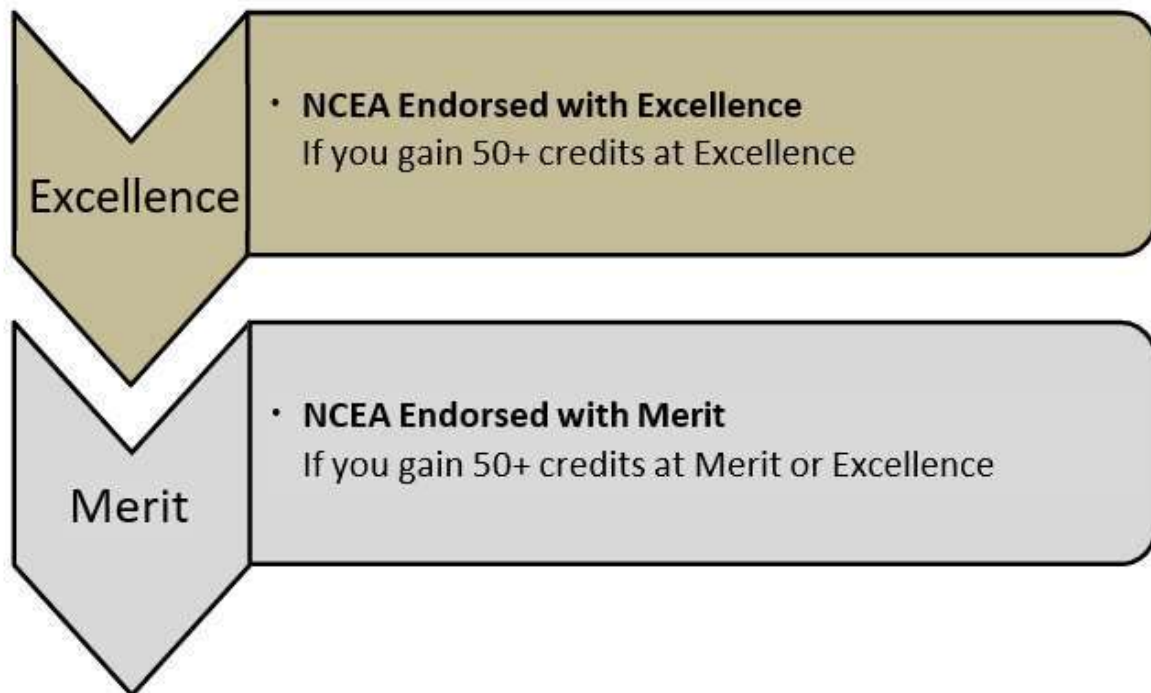
HOW DO I ACHIEVE UNIVERSITY ENTRANCE?



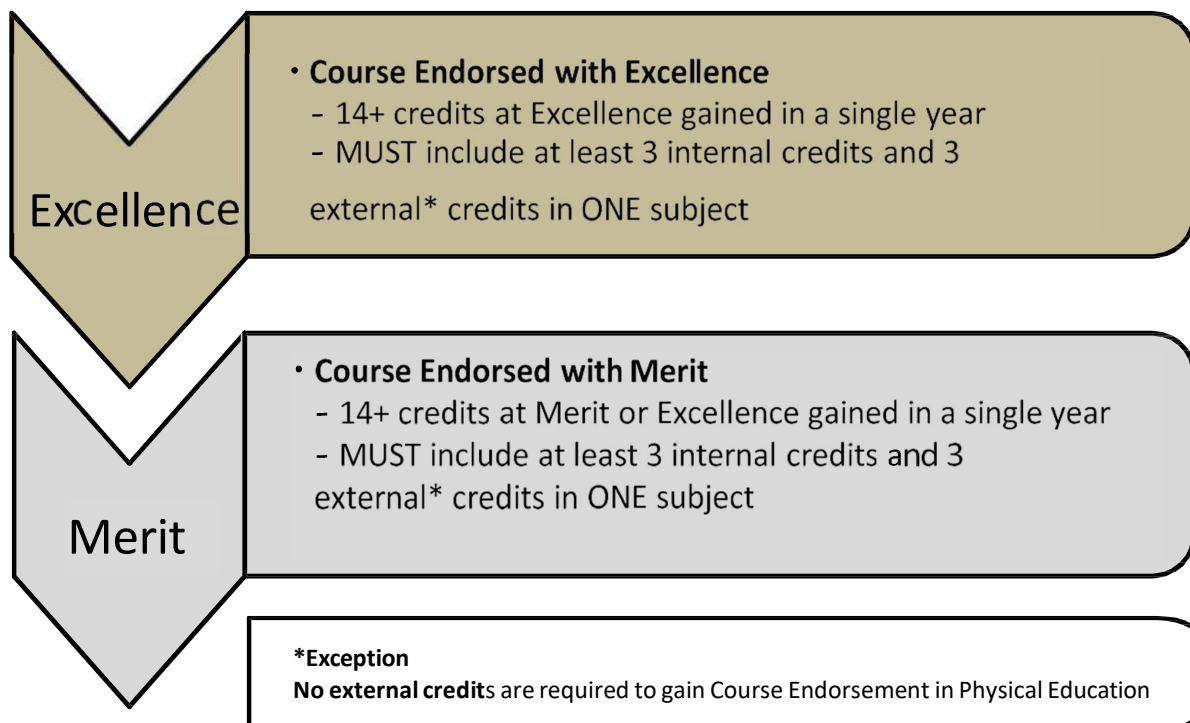
2026 One Tree Hill College Approved Subjects:

Art Painting	Dance	Food Technology	Physical Education
Art Photography	Design & Visual	Geography	Physics
Biology	Communication	Health	Product Design
Business Studies	Digital Technologies	History	Sociology
Calculus	Drama	Mathematics	Statistics
Chemistry	Economics	Media Studies	Te Reo Māori
Dance	English	Music	

How do I achieve NCEA Certificate Endorsement?



How do I achieve NCEA Course Endorsement?



2027 SUBJECTS

# Compulsory Subject * University Approved Subject					
	Y9	Y10	Y11	Y12	Y13
ART	Art	Art	Art	Art Painting	Art Painting*
			Digital Visual Art	Art Design	Art Design*
				Art Photography	Art Photography*
DANCE	Dance	Dance	Dance	Dance	Dance*
DRAMA	Drama	Drama	Drama	Drama	Drama*
ENGLISH	English #	English #	English #	English	English*
ENGLISH LANGUAGE FOUNDATION & LEARNING	English Language Foundation	English Language Foundation	English Language Foundation	English Language Foundation	English Language Foundation
		English Language Learners	English Language Learning	English Language Learning	English Language Learning
INTEGRATED STUDIES (Students are PLACED in these classes – cannot choose)			Integrated Mathematics Integrated English	Integrated Studies	Integrated Studies
JAPANESE	Japanese	Japanese			
MATHS	Mathematics #	Mathematics #	Mathematics	Mathematics	General Mathematics*
			Mathematics Applied	Mathematics Applied	Statistics *
			Mathematics Numeracy		Calculus*
MUSIC	Music	Music	Music	Music	Music*
SAMOAN LANGUAGE	Samoan	Samoan			
PHYSICAL EDUCATION	Health Education #	Health Education #	Health	Health	Health *
	Health and Wellbeing (option)	Health and Wellbeing (option)			
	Physical Education #	Physical Education #	Physical Education	Physical Education	Physical Education*
				Physical Education & Sport	Physical Education & Sport
SCIENCE	Science #	Science #	Science	Biology	Biology*
				Chemistry	Chemistry*
				Physics	Physics*

2027 SUBJECTS CONT.

# Compulsory Subject * University Approved Subject					
	Y9	Y10	Y11	Y12	Y13
SPANISH	Spanish	Spanish			
SOCIAL SCIENCES (incl COMMERCE)	Social Studies #	Social Studies #	Geography	Geography	Geography*
			History	History	History*
			Sociology	Sociology	Sociology*
				Pacific Studies	Pacific Studies
				Global Studies	Global Studies
	Commerce	Commerce	Commerce	Commerce	
				Economics	Economics *
				Business Studies	Business Studies*
SPORT PERFORMANCE	Football Netball Rugby	Football Netball Rugby			
TE REO MĀORI	Te Reo Māori	Te Reo Māori	Te Reo Māori	Te Reo Māori	Te Reo Māori *
TECHNOLOGY	Design & Visual Communication	Design & Visual Communication	Design & Visual Communication	Design & Visual Communication	Design & Visual Communication*
	Digital Technologies	Digital Technologies	Digital Technologies	Digital Technologies	Digital Technologies*
					Computing
	Food Technology	Food Technology	Food Technology	Food Technology	Food Technology*
				Hospitality	Hospitality
	Product Design	Product Design	Product Design	Product Design	Product Design*
			Trades	Trades	Trades Academy
	Media Studies	Media Studies	Media Studies	Media Studies	Media Studies*
SPECIALIST TRAINING (Years 12 and 13) One or two days per week learning trades at MIT campuses Entry by interview only			AUTOMOTIVE ENGINEERING (Y12)		
			CARPENTRY FULL-YEAR (Y12)		
			CARPENTRY HALF-YEAR (Y12)		
			ELECTRICAL HALF-YEAR (Y12)		
			EARLY CHILDHOOD EDUCATION (Y12)		
			ENGINEERING CAD (Y12)		
			AUTOMOTIVE (Y13)		
			CONSTRUCTION (Y13)		
			EARLY CHILDHOOD EDUCATION (Y13)		

ART

	Y9	Y10	Y11	Y12	Y13
ART	Art	Art	Art	Art Design	Art Design*
			Digital Visual Art	Art Painting	Art Painting*
				Art Photography	Art Photography*

Curriculum Leader: Ms Towns (bev.towns@onetreehillcollege.school.nz)

LEVEL 1 ART (11ART)

Year 11, Level 1

Pre-requisites: Curriculum Leader approval based on achievement in Year 9 and/or Year 10. All students must pay course costs before admittance to this course.

Course Costs: \$60.00; take home component of materials

Course Description: Students undertaking Level 1 ART will complete standards covering the creation of original art, studies of art history and visual artists, development of technical skills, developing practical applications of art technology, and producing significant artwork related to artist model studies, their identity, and culture.

LEVEL 1 DIGITAL VISUAL ART (11DVA)

Year 11, Level 1

Pre-requisites: Curriculum Leader approval based on achievement in Year 9 and/or Year 10. All students must pay course costs before admittance to this course.

Course Costs: \$40.00; take home component of materials- it is advisable for students to have access to a DSLR camera

Course Description: Students undertaking Level 1 Digital Visual ART will complete standards covering the creation of original art, studies of art history and visual artists, development of technical skills, developing practical applications of art technology, and producing significant artwork related to artist model studies, their identity, and culture using digital technology including cameras and, tablets, and appropriate software.

LEVEL 2 ART DESIGN (12ADN)

Year 12, Level 2

Pre-requisites: Curriculum Leader approval based on achievement at previous level (at least 12 credits required from Level 1 Art or Level 1 Graphics). All students must pay course costs before admittance to this course.

Course Costs: \$40.00; take home component of materials

Course Description: Students develop independent creative thinking using the art design process: By systematically developing ideas through research, from hand drawn to digital drawing, understanding font hierarchy and design layout and connecting visual motifs and imagery to subject matter. Design students will engage in critical thinking skills in design, focusing on the use of both practical processes using illustrator and Photoshop.

LEVEL 2 ART PAINTING (12APA)

Year 12, Level 2

Pre-requisites: Curriculum Leader approval based on achievement at previous level (at least 12 credits required from Level 1 Art or Level 1 Graphics). All students must pay course costs before admittance to this course.

Course Costs: \$60.00; take home component of materials

Course Description: Students develop independent creative thinking using the Art process: research, concepts (ideas) and developments. This is multi-disciplinary and uses two different fields to engage students' lateral thinking skills. The theme is chosen by students from a range of genre provided by the teacher to encourage students to take responsibility for their own learning and encourage them to focus on their own interests. Their inspiration will be from the artist and artworks they have chosen to study.

LEVEL 2 ART PHOTOGRAPHY (12APH)

Year 12, Level 2

Pre-requisites: Curriculum Leader approval based on achievement at previous level (at least 12 credits required from Level 1 Art or Level 1 Graphics, although the ability to demonstrate skills in conventional drawing is not important). All students must pay course costs before admittance to this course. Students must also have a DSLR - digital camera, any kind/brand, which is not included in the course costs.

Course Costs: \$40.00; take home component of materials; A DSLR Camera would be useful, but you can use a good mobile phone camera

Course Description: Students develop independent creative thinking using digital photography: this includes research, concepts (ideas) and developments. This is a single discipline programme using one field to engage student's critical thinking skills in digital photography, focusing on the use of both manual and digital processes (digital camera and Photoshop). The course encourages students to take responsibility for their own learning and to focus on their own interests.

LEVEL 3 ART DESIGN (13ADN) *

Year 13, Level 3

Pre-requisites: Curriculum Leader approval based on achievement at previous level (at least 12 credits required from Art Design, Art Painting, Photography or Graphics). All students must pay course costs before admittance to this course.

Course Costs: \$40.00; take home component of materials

Course Description: Students will develop self-direction and independent creative thinking based on their chosen theme and brief. This program encourages design students to make connections with their own interests and area of personal focus based on design elements and conventions informed by established designers that inspire them. The students design brief and strategy must be agreed to by their subject teacher. Design students will engage in critical thinking skills in design, focusing on the use of both practical and digital processing using illustrator and Photoshop.

LEVEL 3 ART PAINTING (13APA) *

Year 13, Level 3

Pre-requisites: Curriculum Leader approval based on achievement at previous level (at least 12 credits required from Art Design, Art Painting, Photography or Graphics). All students must pay course costs before admittance to this course.

Course Costs: \$65.00; take home component of materials

Course Description: Students will develop self-direction and lateral thinking using the art/painting process: research, concepts (ideas) and developments. This programme is thematic; students will choose from a range of genre so they can make connections with their own interests and areas of personal focus. From this they will identify and study an artist and artworks of their choice appropriate to their chosen themes.

LEVEL 3 ART PHOTOGRAPHY (13APH) *

Year 13, Level 3

Pre-requisites: Curriculum Leader approval based on achievement at previous level (at least 12 credits required from Art Design, Art Painting, Photography or Graphics, although the ability to demonstrate skills in conventional drawing is not important). All students must pay course costs before admittance to this course. Students must also have a DSLR - digital camera, of any kind/brand, which is not included in the course costs.

Course Costs: \$40.00; take home component of materials; A DSLR Camera would be useful, but you can use a good mobile phone camera

Course Description: Students develop independent creative thinking using digital photography: this includes research, concepts (ideas) and developments. This is a single discipline programme using one field to engage student's critical thinking skills in digital photography, focusing on the use of both manual and digital processes (digital camera and Photoshop). The course encourages students to take responsibility for their own learning and to focus on their own interests.

DANCE

	Y9	Y10	Y11	Y12	Y13
DANCE	Dance	Dance	Dance	Dance	Dance*

Curriculum Leader: Ms Rai (mrai@onetreehillcollege.school.nz)

LEVEL 1 DANCE (11DAN)

Year 11, Level 1

Pre-requisites: Curriculum Leader approval based on achievement in Year 10 Dance.

Course Description: Students learn a variety of dance genres, choreographic tools and processes. Students interpret and analyse dance works and perform to audiences.

LEVEL 2 DANCE (12DAN)

Year 12, Level 2

Pre-requisites: Curriculum Leader approval based on achievement of at least 10 credits in Level 1 Dance.

Course Description: Students learn a variety of dance genres, choreographic tools and processes. Students interpret and analyse dance works and perform to audiences.

LEVEL 3 DANCE (13DAN) *

Year 13, Level 3

Pre-requisites: Curriculum Leader approval based on achievement of at least 12 credits in Level 2 Dance.

Course Description: Students learn a variety of dance genres, choreographic tools and processes. Students interpret and analyse dance works and perform to audiences. Students at Level 3 will produce original dance performances using individual concepts, choreography, technical aspects and rehearsal procedures.

DRAMA

DRAMA	Y9	Y10	Y11	Y12	Y13
	Drama	Drama	Drama	Drama	Drama*

Curriculum Leader: Mr Stuart (mstuart@onetreehillcollege.school.nz)

LEVEL 1 DRAMA (11DRA)

Year 11, Level 1

Pre-requisites: Satisfactory completion of Year 10 Drama or Curriculum Leader approval.

Course Description: Students will work independently to investigate drama styles, work within group context to create and perform drama.

LEVEL 2 DRAMA (12DRA)

Year 12, Level 2

Pre-requisites: Curriculum Leader approval based on satisfactory completion of L1 Drama or L1 English.

Course Description: Students will enhance their drama analysis and ability to work independently or within a group context to create and perform drama.

LEVEL 3 DRAMA (13DRA) *

Year 13, Level 3

Pre-requisites: 12 credits in Level 2 Drama, or Level 2 English and Curriculum Leader approval.

Course Description: Students will broaden and further enhance their analysis of drama contexts and work independently to create original drama.

ENGLISH

ENGLISH	Y9	Y10	Y11	Y12	Y13
	English	English	English	English	English*

Faculty Leader: Ms Havens (lhavens@onetreehillcollege.school.nz)

Assistant Faculty Leader: Mr Lanner (tlanner@onetreehillcollege.school.nz)

LEVEL 1 ENGLISH (11ENG)

Year 11, Level 1

Course Description: The level 1 English course is designed to develop students' critical thinking skills. The focus will be on identifying choices made by authors, explaining them in detail, and beginning to analyse how and why they work on their target audience. Students in this course will study a variety of written, visual and oral texts.

LEVEL 2 ENGLISH (12ENG)

Year 12, Level 2

Pre-requisites: This is an open entry course

Course Description: The level 2 English course is designed to develop students' critical thinking skills. The focus will be on identifying and analysing more sophisticated and specific choices made by authors. Students will be introduced into critical literature theories and be encouraged to form interpretive arguments or judgements about the texts. Students in this course will study a variety of written, visual, and oral texts. Students will be entered into two of the externals.

LEVEL 3 ENGLISH (13ENG) *

Year 13, Level 3

Pre-requisites: Students must have at least 14 NCEA L2 English credits including an External.

Course Description: The level 3 English course is designed to develop students' critical thinking skills. The focus will be on identifying and analysing more sophisticated and specific choices made by authors. Students will specialize in at least one critical literature theory and form comprehensive interpretive arguments or judgements about the texts. Students in this course will study a variety of written, visual, and oral texts. Students will be entered into two of the externals.

ENGLISH LANGUAGE LEARNING (ELF & ELL)

	Y9	Y10	Y11	Y12	Y13
ELF	English Language Foundation	English Language Foundation	English Language Foundation	English Language Foundation	English Language Foundation
ELL			English Language Learning	English Language Learning	English Language Learning

Curriculum Leader: Ms Sabbage (ksabbage@onetreehillcollege.school.nz)

To be placed into these classes – you need to contact Ms Sabbage (ksabbage@onetreehillcollege.school.nz)

This is a specialized class, designed for students who are new to speaking and writing English Language.

English Language Foundation (ELF)

ELF – Year 9/10/11/12/13

Pre-requisites: This course is available to English Language students.

Course Description: The course is for Years 9-13 students for whom English is not their first language, and for international fee-paying students. The course offers English language skills at the foundation stages of language learning. No NCEA standards are offered.

English Language Learning (ELL)

ELL - Year 11/12/13, English Language Level 1, 2 & 3

Pre-requisites: This course is available only to ELL students.

Course Description: This course is for Year 11, 12 and 13 students for whom English is not their first language, and international fee-paying students. Topics connect with students' prior knowledge and experiences to improve academic English language skills in order to achieve in other learning areas.

This course is designed to meet the English Language learning needs of students who are working at the Foundation Stage and Stage One of the English Language Learning Progressions (ELLP) and English Language Intensive Programme (ELIP). The course includes NCEA English Language (EL) unit standards designed to test the achievement for the four strands – Listening, Speaking, Reading, and Writing.

INTEGRATED STUDIES

	Y9	Y10	Y11	Y12	Y13
INTEGRATED STUDIES			Integrated Studies Numeracy & Literacy	Integrated Studies Literacy	Transition

Faculty Leader: Ms Crawford (acrawford@onetreehillcollege.school.nz)

NOTE: Students are placed in these classes and cannot choose them.

LEVEL 1 INTEGRATED STUDIES – LITERACY & NUMERACY

Year 11, Level 1 (11ISE & 11ISM)

Pre-requisites: Approval from Curriculum Leader Integrated Studies.

Course Description: This is a course where students are given the opportunity to achieve their literacy and numeracy compulsory credits within an integrated programme of learning that incorporates English, mathematics, health, core generic, financial literacy and communication skills standards. The course mixes written investigation with practical activities for up to two hours every day engaging students' interest via a wide range of topics designed to meet the challenges of the world outside school.

LEVEL 2 INTEGRATED STUDIES (12ISH)

Year 12, Level 2

Pre-requisites: Approval from Curriculum Leader Integrated Studies.

Course Description: This Year 12 programme is designed to support students into the workplace or tertiary study and is intended to link in with MIT. The course combines a mixture of integrated topics incorporating English, health, and employment standards and at the same time caters for students who are requiring their compulsory literacy/numeracy and/or reading/writing credits. Students are given the opportunity to do First Aid, Site Safe and Forklift training leading to further work-related qualifications.

LEVEL 3 INTEGRATED STUDIES (13ISH)

Year 13, Level 3

Pre-requisites: Approval from Curriculum Leader Integrated Studies.

Course Description: This Year 13 programme is designed to support students to transition into the workplace or tertiary study and is intended to link in with MIT. The course combines a mixture of integrated topics incorporating English, health and employment standards and at the same time caters for students who are requiring their compulsory literacy/numeracy and/or reading/writing credits.

MATHEMATICS

MATHEMATICS	Y9	Y10	Y11	Y12	Y13
	Mathematics	Mathematics	Mathematics (11MAT)	Mathematics (12MAT)	Calculus *
			Mathematics – Applied (11MAP)	Mathematics – Applied (12MAP)	Statistics*
			Mathematics – Numeracy (11MTN)		General Mathematics*

Faculty Leader: Ms Ho (kho@onetreehillcollege.school.nz)

Assistant Faculty Leader: Ms Fowlie (afowlie@onetreehillcollege.school.nz)

LEVEL 1 MATHEMATICS NUMERACY (11MTN)

Pre-requisites: Students will be placed in the appropriate mathematics course for them by their previous mathematics teacher based on previous years' achievement.

Course Description: This course focused on basic mathematical skills, including the requirement to achieve NCEA numeracy.

LEVEL 1 MATHEMATICS (11MAT)

Year 11, Level 1

Pre-requisites: Students will be placed in the appropriate mathematics course for them by their previous mathematics teacher based on their previous years' achievement.

Course Description: Students will learn the skills and knowledge to gain NCEA Level 1 credits in the mathematics domains of Number, Algebra, Measurement, Trigonometry, Statistics and Probability.

LEVEL 1 MATHEMATICS APPLIED (11MAP)

Year 11, Level 1

Pre-requisites: Students will be placed in the appropriate mathematics course for them by their previous mathematics teacher based on their previous years' achievement.

Course Description: Students will learn the skills and knowledge to gain NCEA Level 1 credits in the mathematics domains of Number, Algebra, Measurement, Trigonometry, Statistics and Probability.

LEVEL 2 MATHEMATICS (12MAT)

Year 12, Level 2

Pre-requisites: Students will be placed in the appropriate mathematics course for them by their previous mathematics teacher based on their previous years' achievement.

Course Description: Students will learn the skills and knowledge necessary to gain NCEA Level 2 credits in Mathematics.

LEVEL 2 MATHEMATICS APPLIED (12MAP)

Year 12, Level 2

Pre-requisites: Students will be placed on the appropriate mathematics course for them by their previous mathematics teacher based on their previous years' achievement.

Course Description: Students will learn the skills and knowledge necessary to gain credits in NCEA Level 2 Achievement Standards.

LEVEL 3 MATHEMATICS (13MAT) *

Year 13, Level 3

Pre-requisites: Curriculum leader approval based on the level of achievement in Year 12 Mathematics.

Course Description: This course will be suitable for students that would like to study Mathematics I Year 13 and would like a combination of Level 3 Calculus and L3 Statistics standards.

LEVEL 3 CALCULUS (13CAL) *

Year 13, Level 3

Pre-requisites: Curriculum Leader approval based on a high level of achievement in Year 12 Mathematics.

Course Description: Students will learn the skills and knowledge necessary to gain credits in NCEA Level 3 Achievement and Unit Standards in differentiation, trigonometric equations and functions, complex numbers and integration.

LEVEL 3 STATISTICS (13STA) *

Year 13, Level 3

Pre-requisites: Curriculum Leader approval based on level of achievement in Year 12 Mathematics.

Course Description: Students will learn the skills and knowledge necessary to gain credits in NCEA Level Achievement and Unit Standards in time series, bi-variate data, mathematical modelling, probability, confidence intervals, probability distributions and numerical methods.

MUSIC

MUSIC	Y9	Y10	Y11	Y12	Y13
	Music	Music	Music	Music	Music*

Curriculum Leader: Mr Gray (pgray@onetreehillcollege.school.nz)

LEVEL 1 MUSIC

Year 11, Level 1 (11MUS)

Pre-requisites: Curriculum Leader (CL) Music approval based on either achievement in Year 10 Music OR CL interview for new students to course. Students need to have:

- Satisfactory conduct and achievement in Year 10 Music
- Acceptable proficiency on a musical instrument, performing at minimum of Grade Two level
- Minimum of Grade One or Two Music Theory would be helpful
- Willingness and readiness to participate in all aspects of the course

Course Description: Students develop their musical skills as soloists and ensemble members. They analyse music, develop listening skills, and create their own music.. Students will develop confidence performing in public. Music Technology and Performing Arts Technology standards are also available. This course leads on to Level 2 and 3 music, tertiary and music industry, and Performing Arts.

LEVEL 2 MUSIC

Year 12, Level 2 (12MUS)

Pre-requisites: Curriculum Leader Music approval based on either achievement at L1 OR CL interview for new students to the course, plus:

- Satisfactory attendance and progress at itinerant instrumental classes or approved private music lessons.
- Acceptable proficiency on a musical instrument, performing at minimum of Grade Three level
- Grade Two or Three Music Theory would be very helpful to achieve course endorsement
- Willingness and readiness to participate in all aspects of the course, and to develop leadership generally

Course Description: Students will further develop their musical skills as soloists and ensemble members, create a Instrumentation, and develop their skills as music analysts and researchers. L2 Music is also the opportunity for students to find and develop their area of specialisation, whether this be in composition, songwriting, aural and theory examination, or in music technology

LEVEL 3 MUSIC

Year 13, Level 3 (13MUS) *

Pre-requisites: Curriculum Leader Music approval based on either achievement at L2 Music (preferably at least 12 credits) OR CL interview for new students to course, plus:

- Acceptable proficiency on a musical instrument, performing at minimum of Grade Four level
- Minimum of Grade Four Music Theory (e.g. Master Your Theory or ABRSM) would be very helpful to achieve course endorsement
- Willingness and readiness to participate in all aspects of the course, and to develop leadership generally
- New entrants must audition and show evidence of the above

Course Description: Level 3 students will complete a custom course based on the areas of specialisation they developed in Level 2. Students will choose their focus and select from the broad array of standards at the beginning of the year, and work with their classroom teacher and instrumental tutors to create songwriting and composition portfolios, perform substantial programmes of work, undertake research and analysis of music topics, develop aural and harmonic analysis skills, and develop skills in music technology

PHYSICAL EDUCATION & HEALTH

	Y9	Y10	Y11	Y12	Y13
PHYSICAL EDUCATION	Health Education	Health Education	Health	Health	Health *
	Health and Wellbeing (option)	Health and Wellbeing (option)			
	Physical Education	Physical Education	Physical Education	Physical Education Physical Education & Sport	Physical Education* Physical Education & Sport

Faculty Leader: Ms Slee (tslee@onetreehillcollege.school.nz)

LEVEL 1 PHYSICAL EDUCATION (11PED)

Year 11, Level 1

Course Description: Level 1 Physical Education enables students to learn about how the body functions in relation to different sports and activities, as well as learn and develop strategies to improve performance in traditional sports.

The teaching and learning programme in Level 1 Physical Education is focused on:

- Explore the challenging nature of sports and its impact on Hauora.
- Actively participating in a range of physical activities.
- Learning how to apply movement strategies to improve physical performance.

LEVEL 1 HEALTH (11HEA)

Year 11, Level 1

Course Description: Level 1 Health Studies covers food and nutrition, mental health, and relationships and sexuality in relation to the hauora of individuals, whānau, and communities.

The teaching and learning programme in Level 1 Health is focused on:

- Understanding the impact of change, relationships, and drugs on wellbeing.
- Strategies that promote health in all areas of wellbeing, including self, others, and society.
- Interpersonal skills, including effective communication, problem solving, and conflict resolution.
- Building confidence to use skills learnt in class in their everyday life.

LEVEL 2 PHYSICAL EDUCATION (12PED)

Year 12, Level 2

Pre-requisites: Level 1 Physical Education OR Curriculum Leader approval.

Course Description: Level 2 Physical Education enables students to learn about biophysical principles, how to apply them to sporting movement and ultimately how to improve sporting performance.

The teaching and learning programme in Level 2 Physical Education is focused on:

- Understanding what biophysical principles are.
- Actively participating in a range of physical activities.
- Learning how to demonstrate leadership during group activities.

LEVEL 2 PHYSICAL EDUCATION & SPORT (12PES)

Year 12, Level 2

Pre-requisites: Open entry, willingness to participate in all aspects of the course.

Course Description: Students will work independently and in groups during the year to enhance leadership skills, analyse risk in outdoor situations, learn about basic anatomy and promote physical activity.

LEVEL 2 HEALTH (12HEA)

Year 12, Level 2

Pre-requisites: Level 1 Health Education OR Curriculum Leader approval.

Course Description: Level 2 Health Studies covers the concepts of resilience, Hauora / well-being for individuals and communities, sexuality and gender and a range of adolescent health issues.

The teaching and learning programme in Level 2 Health is focused on:

- Understanding risk and protective factors and the influence they have on a person's ability to cope with life's challenges and be resilient.
- Exploring adolescent related issues such as peer pressure, bullying, sexual identity, gender, and drugs.
- Strategies that promote health in all areas of wellbeing for self, others, and society.
- Promoting health and wellbeing in their local community through inquiry learning.
- Building confidence to use skills learnt in class in their everyday life.

LEVEL 3 PHYSICAL EDUCATION (13PED)*

Year 13, Level 3

Pre-requisites: Level 2 Physical Education OR Curriculum Leader approval.

Course Description: Students will learn about biophysical principles and how to apply them to sporting movement and ultimately how to improve sporting performance. Students will learn the principles of training and how to apply them to their own training and performance.

The teaching and learning programme in Level 3 Physical Education is focused on:

- Understanding what biophysical principles are.
- Actively participating in a range of physical activities.
- Learning how to demonstrate leadership during group activities.

LEVEL 3 PHYSICAL EDUCATION & SPORT (13PES)

Year 13, Level 3

Pre-requisites: Level 2 Physical Education & Sport or Level 2 Physical Education.

Course Description: This course suits students who have a passion for sport and physical activity as students are required to demonstrate leadership skills through participating in physical activities.

LEVEL 3 HEALTH (13HEA) *

Year 13, Level 3

Pre-requisites: Level 2 Health Education OR Curriculum Leader approval.

Course Description: Level 3 Health Studies explores a range of different perspectives with regards to health practices, ethical considerations when making health-related decisions, as well as analysing health topics which are important both here in New Zealand and internationally.

The teaching and learning programme in Level 3 Health is focused on:

- Developing a thorough understanding on New Zealand Health issues.
- Exploring international health issues, and their impact on wellbeing.
- Examining beliefs and values associated with a range of ethical issues.
- Analysing a range of health practices from traditional medicine to western medicine and thoroughly exploring impacts on wellbeing for self, others and society, and examining strategies to enhance wellbeing.

SCIENCE

	Y9	Y10	Y11	Y12	Y13
SCIENCE	Science	Science	Science	Biology	Biology
				Chemistry	Chemistry
				Physics	Physics

Faculty Leader: Mr Gainsford (kgainsford@onetreehillcollege.school.nz)

Assistant Faculty Leader: Ms Luxton (lluxton@onetreehillcollege.school.nz)

LEVEL 1 SCIENCE (11SCI)

Year 11, Level 1

Pre-requisites: None.

Course Description: Students will explore Science in the world around us through investigations, experiments, and discussion. You will explore rates of reaction, global warming, objects in motion, and why you can have blue eyes or curly hair even if your parents don't. This course develops knowledge and processes of science which provide a scientific literacy and skill base essential for life in the 21st Century and the basis of many future careers.

LEVEL 2 BIOLOGY (12BIO)

Year 12, Level 2

Pre-requisites: 15 credits in Level 1 Science or Curriculum Leader approval.

Course Description: Level 2 Biology gives students an opportunity to explore the living world in a range of organisms and at a range of levels, from gene expression through to ecological interactions. Students will develop transferable skills that will not only enable them to investigate how and why biological processes occur but also consider applications of biology outside of the classroom and in everyday life. Students will have the opportunity to enhance their understanding of life processes such as respiration and photosynthesis, as well as considering the influence of genetics in biodiversity and evolution.

LEVEL 2 PHYSICS (12PHY)

Year 12, Level 2

Pre-requisites: 15 credits in Level 1 Science or Curriculum Leader approval.

Course Description: Physics is the science that has an impact on all our lives ranging from the mobile phones we use daily to nuclear power stations that generate electricity. This course is an introduction to the principles of physics and their application to waves, forces and motion, nuclear reactions, and electricity. Learners build their skills in problem solving, mathematical skills and communicating ideas. This course is applicable to a wide range of careers and tertiary study options including sciences, trades, engineering, aviation, electronics, computing, medicine, health sciences, optometry, physiotherapy, radiotherapy and architecture. **Note if you are planning to take 13 Physics you need to take 12MAT and then 13CAL alongside each other.**

LEVEL 2 CHEMISTRY (12CHE)

Year 12, Level 2

Pre-requisites: 15 credits in Level 1 Science or Curriculum Leader approval.

Course Description: This course is an introduction to foundation chemical properties and reactivity, with a substantial practical component. Students will learn to analyse chemical compounds in the lab, both qualitatively and quantitatively. Students will learn about the basic structure, bonding, and energy changes of chemical compounds as well as more detail about the properties and reactions of organic compounds. Students will also understand the fundamentals of chemical reactivity, acids and bases, and oxidation-reduction chemistry. This course is well-suited to students who are interested in any science or technology-based career, as well as for those who are curious about why the world is the way it is.

LEVEL 3 BIOLOGY (13BIO) *

Year 13, Level 3

Pre-requisites: 14 credits from Level 2 Biology.

Course Description: Level 3 Biology allows students to further consider biological processes such as homeostasis, genetic inheritance, and evolution, but emphasises the relevance of these processes to everyday life and in relevant and interesting contexts. It provides students with an opportunity to discuss the socioeconomic implications of biological processes such as genetic engineering and selective breeding. Level 3 Biology helps students to further develop useful skills such as researching and analysing information, as well as presenting and discussing topical biological issues.

LEVEL 3 CHEMISTRY (13CHE) *

Year 13, Level 3

Pre-requisites: 14 credits from Level 2 Chemistry or Curriculum Leader approval.

Course Description: This course builds on Level 2 Chemistry with a more advanced study of chemical properties and reactivity. Students will develop more sophisticated analytical and synthetic laboratory skills. They will learn about modern methods to analyse chemical compounds as well as more complex oxidation-reduction processes. Students will deeply explore the causes and trends of chemical properties for a range of elements and compounds. There will also be a study of a greater range of organic compounds and a detailed topic on chemical equilibrium. This course is important for students who wish to follow any science, health sciences, engineering, or technology career path.

LEVEL 3 PHYSICS (13PHY) *

Year 13, Level 3

Pre-requisites: 14 credits from Level 2 Physics including at least one L2 Physics external or Curriculum Leader approval.

Course Description: Students build on their conceptual understanding and use mathematical skills as a problem-solving tool. This course is a continuation of the level 2 Physics course and is designed for learners wanting to take Physics at University. This course is applicable to a wide range of careers and tertiary study options including sciences, engineering, aviation, electronics, software, medicine, radiotherapy and architecture.

SOCIAL SCIENCE

	Y9	Y10	Y11	Y12	Y13
SOCIAL SCIENCES incl COMMERCE	Social Studies c	Social Studies c	Geography	Geography	Geography*
			History	History	History*
			Sociology	Sociology	Sociology*
				Pacific Studies	Pacific Studies
				Global Studies	Global Studies
	Commerce	Commerce	Commerce	Economics	Economics*
				Business Studies	Business Studies*

Faculty Leader: Ms Stunell (ssunell@onetreehillcollege.school.nz)

Assistant Faculty Leader: Ms Pullein (mpullein@onetreehillcollege.school.nz)

LEVEL 1 COMMERCE (11COM)

Year 11, Level 1

Pre-requisites: Open Entry

Course Description: Commerce is a foundational course combining aspects of economic activity, including accounting and business practices. Economic activity shapes the daily lives of all New Zealanders. How we earn and spend has a significant effect on our quality of life, as well as the environment in which we live. Commerce looks at how financial decisions are made. This includes the influences on decision-making, and the impacts that these decisions have.

LEVEL 1 SOCIOLOGY (11SOC)

Year 11, Level 1

Pre-requisites: Open entry

Course Description: Level 1 Sociology is an exciting course about people, society and human rights. Throughout the year we examine current social issues within a local and global context and the systems that impact individual and group actions. Students will work in groups to take action to promote social justice and human rights and conduct an independent inquiry on a social movement that is making positive global change.

LEVEL 1 GEOGRAPHY (11GEO)

Year 11, Level 1

Pre-requisites: Open entry

Course description: Geography is the study of how people interact with the environment. Students study ideas around spatial patterns, kaitiakitanga and perspectives. They learn to conduct geographic research, understand geographic challenges, develop spatial awareness and explore a variety of natural and cultural environments. Students develop an understanding of the role that people play within Te Taiao and the interconnectedness of people and place.

LEVEL 1 HISTORY (11HIS)

Year 11, Level 1

Pre-requisites: Open entry

Course description: History helps students understand how the past shapes the present and influences the future. Students investigate ideas such as significance, mana, whakapapa, tūrangawaewae, cause, and effect. They learn to analyse historical evidence, evaluate different perspectives, communicate well-supported arguments and think critically about past events. These skills prepare students to become informed, reflective citizens who can make sense of the world around them.

LEVEL 2 ECONOMICS (12ECO)

Year 12, Level 2

Pre-requisites: Achievement of at least 10 credits in 11 Commerce, English, or another Social Science subject.

Course Description: Students learn about the causes and possible effects of economic issues such as unemployment, growth, trade and inflation. Students gain an understanding of why certain government policies are used to combat issues in the New Zealand economy.

LEVEL 2 BUSINESS STUDIES (12BST)

Year 12, Level 2

Pre-requisites: Achievement of at least 10 credits in 11 Commerce, English, or another Social Science subject.

Course Description: Students learn how large businesses function and how they respond to outside influences. The course involves students working together to carry out a business activity within the local community. Students will be expected to dedicate some of their own time to this process.

LEVEL 2 SOCIOLOGY (12SOC)

Year 12, Level 2

Pre-requisites: Achievement of 10 credits in Year 11 Sociology, English, or another Social Science subject.

Course Description: Level 2 Sociology builds on the Level 1 Sociology course about people, society and human rights in our world today with a particular focus on perspectives that motivate individual and group actions. Students will conduct an independent inquiry into a social movement that is making positive global change, and plan and carry out a social action related to rights and responsibilities.

LEVEL 2 GEOGRAPHY (12GEO)

Year 12, Level 2

Pre-requisites: Achievement of at least 10 credits in Year 11 Geography, English, or another Social Science subject.

Course Description: Geography is the study of how people interact with the environment. Students study ideas such as interaction, patterns, processes and perspectives. They learn to conduct geographic research, understand geographic issues, develop spatial awareness and explore a variety of natural and cultural environments. Students develop an understanding of the role that people play as global citizens and the interconnectedness of people and place.

There is a compulsory field trip to Tongariro Volcanic Centre as part of this course. In 2026, this cost \$250, but this is subject to change due to increase in costs.

LEVEL 2 HISTORY (12HIS)

Year 12, Level 2

Pre-requisites: Achievement of at least 10 credits in History, English, or other Social Science subject.

Course Description: History helps students understand how the past shapes the present and influences the future. Students investigate ideas such as significance, perspectives, cause, and consequence. They learn to conduct their own research, analyse historical evidence, evaluate different perspectives, communicate well-supported arguments and think critically about past events. These skills prepare students to become informed, reflective citizens who can make sense of the world around them.

LEVEL 2 PACIFIC STUDIES (12PAC)

Year 12, Level 2

Pre-requisites: Open entry.

Course Description: Pacific Studies is an interdisciplinary subject that covers a range of topics that are important to Pacific peoples, places and ideas. The Year 12 course will cover Pacific identity, the importance of Pasifika families, voyaging through the Pacific and how to perform a presentation. This is a heavy emphasis on student-led research in this course, so an interest in conducting inquiries is essential. Throughout the year we will learn how to conduct ethical and reciprocal Pacific research through methods such as talanoa. There are no externals or achievement standards in this subject.

LEVEL 2 & LEVEL 3 GLOBAL STUDIES (12/13GLS)

Year 12/13, Level 2/3 (Multi-Level Class)

Pre-requisites: Open entry but regular attendance of 80% or higher is required.

Course Description: This course will introduce students to the key skills of most Social Science subjects. It is designed for students to get a taster of Social Science subjects such as History, Geography, Pacific Studies, and Sociology. There will be three total topics taught, which will be based on the interests of the students and focusing on the skills students need to be successful in those subjects. Students can use this subject as a pre-requisite for a Year 13 Social Science course. There are no externals or Achievement Standards in this subject.

LEVEL 3 ECONOMICS (13ECO) *

Year 13, Level 3

Pre-requisites: Achievement of at least 8 credits in 12 Economics or 12 Business Studies, or curriculum leader approval

Course Description: Students learn about the key issues involved in the operation of the market system and the part governments play in allocating resources. Students learn to describe the workings of the economy as a whole. The course covers specific reasons why some markets succeed and looks at why the government occasionally needs to intervene.

LEVEL 3 BUSINESS STUDIES (13BST) *

Year 13, Level 3

Pre-requisites: Achievement of at least 8 credits in 12 Economics or 12 Business studies, or curriculum leader approval. Attendance of at least 85% or higher is required due to high degree of group work.

Course Description: Students learn how large businesses function and how they respond to outside influences. The course involves students working together to operate their own businesses within the local community. Students will be expected to dedicate some of their own time to this process which may include selling at markets of their choice, meeting with suppliers and mentors. The majority of work done towards internals will be in groups as they relate to the operation of their business. The format for assessment is set by the Young Enterprise Scheme (YES) and will require presentations and workshops to be attended throughout the year. Group work is an essential aspect to this subject and you must be a willing and active participant in this group to achieve success in this course.

LEVEL 3 SOCIOLOGY (13SOC) *

Year 13, Level 3

Pre-requisites: Achievement of 10 credits in Level 2 Sociology, English, or another Social Science subject.

Course Description: This course is assessed against Level 3 Social Studies which is a university approved subject. Level 3 builds on the Level 2 Sociology course about people, society and human rights in our world today. We examine how perspectives shape the way people respond to current issues. Students will conduct a critical inquiry on a social movement that is making positive global change, and plan and carry out a social action to influence policy change. Consideration of ethics within research and social actions are large component of this course.

You cannot take this course and 13 Pacific Sociology.

LEVEL 3 PACIFIC SOCIOLOGY (13PSC)*

Year 13, Level 3

Pre-requisites: Achievement of 10 credits in Level 2 Sociology, English, or another Social Science subject.

Course Description: Pacific Sociology is a thought-provoking course that explores the contemporary Pacific diaspora through a sociological lens. Students will critically examine the ongoing impacts of colonialism and the various forms of Pacific resistance, while exploring key concepts that underpin Pacific societies, including vā (relational space), fa'aloalo (respect), and communalism. This course provides a strong foundation for further study in the Social Sciences at university level, particularly for those interested in cultural identity, social justice, and Indigenous perspectives.

You cannot take this course AND 13 Sociology.

LEVEL 3 GEOGRAPHY (13GEO) *

Year 13, Level 3

Pre-requisites: Achievement of at least 10 credits in Year 12 History, English, or another Social Science subject.

Course Description: Geography is the study of how people interact with the environment. Students study ideas such as interaction, accessibility, sustainability and perspectives. They learn to conduct geographic research, understand geographic issues, develop spatial awareness and explore a variety of natural and cultural environments. Students develop an understanding of the role that people play as global citizens and the interconnectedness of people and place.

There is a compulsory field trip to Rotorua as part of this course. In 2026, this cost \$150, but this is subject to change with increased costs.

LEVEL 3 HISTORY (13HIS) *

Year 13, Level 3

Pre-requisites: Achievement of at least 10 credits at Level 2 History, Level 2 English, or other Social Science subject.

Course Description:

History helps students understand how the past shapes the present and influences the future. Students investigate ideas such as significance, perspectives, cause, and consequence. They learn to conduct their own research, analyse historical evidence, evaluate different perspectives, communicate well-supported arguments and think critically about past events. These skills prepare students to become informed, reflective citizens who can make sense of the world around them. Year 13 History allows students to gain University Entrance.

LEVEL 3 PACIFIC STUDIES (13PAC)

Year 13, Level 3

Pre-requisites: Achievement of at least 14 credits in Year 12 Pacific Studies, or another Social Science subject or English

Course Description: Pacific Studies is an interdisciplinary subject that covers a range of topics that are important to Pacific peoples, places and ideas. The Year 13 course will cover Pacific identity, history, and aspects of culture. Throughout the year, there is a heavy emphasis on conducting ethical and reciprocal Pacific research through methods such as talanoa. There is a culminating project that results in student presentations to the community. There are no external or achievement standards in this subject.

TE REO MĀORI

	Y9	Y10	Y11	Y12	Y13
TE REO MĀORI	Te Reo Māori	Te Reo Māori TeAo Māori	Te Reo Māori	Te Reo Māori	Te Reo Māori

Faculty Leader of Languages: Whaea Shanna Rope (srope@onetreehillcollege.school.nz)

LEVEL 1 TE REO MĀORI (11MAO)

Year 11, Level 1

“Ko te reo te hā ō te Māori”. “Language is the essence of being Māori”.

Te Reo Māori can be studied to NCEA Level 3. As an official language in New Zealand, it is sought after in the job market as its use in the media, education, and government has increased in recent years. In addition, it is becoming more and more a marker of New Zealand national identity, not just for those of Māori heritage but at a national level.

Pre-requisites: Year 10 Te Reo Māori or Curriculum Leader’s approval.

Course Description:

Te Reo Māori for NCEA Level 1 consolidates, extends and up skills students in the four main language skills Pānui (Reading), Tuhituhi (Writing), Kōrero (Speech) and Whakarongo (Listening). Students should be able to:

- Communicate about immediate past activities
- Give and follow directions
- Understand specific detail and overall meaning in a range of short written texts, consisting of mainly familiar language
- Describe familiar events, people and things
- Use resources, e.g. dictionaries and glossaries to experiment with some new language in writing and to check spelling
- Understand a range of short written texts that consist mainly of familiar language
- Give short, prepared talks on familiar topics

LEVEL 2 TE REO MĀORI (12MAO)

Year 12, Level 2

Ko te reo te hā ō te Māori”. “Language is the essence of being Māori”.

Pre-requisites: Achievement of at least 10 credits in Level 1 Te Reo Māori or Curriculum Leader approval based on Level 1 results from Te Reo Māori.

Course Description: This course maintains continuity from Level 1. Students develop their language skills in a variety of contexts with an emphasis on encouraging Wairua Māori. It is recommended that students involve themselves in some way with Te Whānau o Puakiekie, the school’s Kapa Haka group. Students will learn to:

- Distinguish between past and present actions and states
- Understand specific details in contexts that may contain some unfamiliar language
- Discuss topics of mutual interest
- Use resources such as dictionaries and glossaries to experiment with new language and review writing for accuracy
- Use appropriate pronunciation, stress, rhythm and intonation
- Write a range of text types and more extended texts, e.g. formal letters, personal letters, blogs, longer essays, descriptions and narratives

LEVEL 3 TE REO MĀORI (13MAO)*

Year 13, Level 3

“Ko te reo te hā ō te Māori”. “Language is the essence of being Māori”.

Pre-requisites: Achievement of at least 12 credits in Level 2 Te Reo Māori or Curriculum Leader approval.

Course Description: This course deepens the language skills acquired from Level 2 and students will be expected to go deeper into the meaning of texts as well as speak and write on a broader range of issues. It is recommended that students involve themselves in some way with Te Whānau o Puakiekie, the school’s Kapa Haka group.

Students will:

- Understand much of what other speakers of Te Reo Māori say about a range of topics across a range of spoken text types, formal and informal
- Understand much of what is written in Te Reo Māori about a range of topics across a range of written text types intended for different purposes and audiences
- Use Te Reo Māori to entertain and persuade as well as to inform
- Write in Te Reo Māori about a range of topics, using words and expressions that are appropriate for the purpose and intended audience
- Produce a wide range of spoken text types, formal and informal

TECHNOLOGY

	Y9	Y10	Y11	Y12	Y13
TECHNOLOGY	Food Technology	Food Technology	Food Technology	Food Technology	Food Technology*
				Hospitality	Hospitality
	Design & Visual Communication	Design & Visual Communication	Design & Visual Communication	Design & Visual Communication	Design & Visual Communication *
	Product Design	Product Design	Product Design	Product Design	Product Design*
	Textiles		L1 Trades	L2 Trades	L3 Trades Academy
	Media Studies	Media Studies	Media Studies	Media Studies	Media Studies*

	Y9	Y10	Y11	Y12	Y13
DIGITAL TECHNOLOGIES	Digital Technologies	Digital Technologies	Digital Technologies	Digital Technologies	Digital Technologies*
					Computing

Faculty Leader: Mrs van Rossum (dvanrossum@onetreehillcollege.school.nz)

LEVEL 1 DIGITAL TECHNOLOGIES (11DLT)

Year 11, Level 1

Pre-requisites: Satisfactory level of achievement in Year 10 DLT.

Course Description: Digital Technologies focuses on applying technological ideas within a digital environment. The course allows students to develop computational thinking skills and the ability to design and develop digital outcomes, working collaboratively to produce creative and innovative solutions to existing problems.

LEVEL 1 TRADES (11TRD)

Year 11, Level 1

Pre-requisites: Open entry – Student numbers limited to **24 per class**.

Course Costs: \$150.00 for take home component of materials

Course Description: Through constructing their own projects and working in small groups, students learn safety procedures, reading plans, measuring and marking out materials, cutting and shaping techniques, joining components and surface finishing. There is an emphasis on developing confidence with a range of hand tools and power tools. Our group projects focus on gaining a real world understanding of trade practices, including problem solving within teams.

This is a BCITO course that prepares students who are interested in entering the Trades as a career.

Entry criteria: Open entry. An interest in making and using tools.

LEVEL 1 DESIGN AND VISUAL COMMUNICATION (11DVC)

Year 11, Level 1

Course Costs: \$90.00 for take home component of materials

Course Description: Design and Visual Communication reflects the latest developments in the field of three-dimensional design. The course is structured to develop the drawing, design and graphic presentation skills to express students' creative thinking, and promotes a sound understanding of design in the context of spatial, interior and product design. During the year, students will undertake two design projects from brief development through to refined design, producing a concept for both a product design and a spatial design.

LEVEL 1 FOOD TECHNOLOGY & HOSPITALITY (11FOT)

Year 11, Level 1

Pre-requisites: Year 9 and/or Year 10 students will be given preference.

Course Costs: \$150.00 for take home component of materials

Course Description. Food Technology aims to develop and advance technological skills in relation to food. Students are encouraged to think creatively and develop products which will fulfil an identified need in their society. The course is structured to improve nutritional knowledge, food handling and hygiene abilities, and presentation skills.

LEVEL 1 PRODUCT DESIGN (11PRD)

Year 11, Level 1

Pre-requisites: Successful completion of Year 10 Product Design or DVC.

Course Costs: \$115.00 for take home component of materials

Course Description: Students will learn about materials, processes and the steps involved in designing and manufacturing products as solutions to real life situations. The focus of the course lies in developing research, investigation, graphics, design and manufacturing skills. Students will become problem finders and solvers, working within a workshop environment using tools, machinery and computer aided manufacturing facilities to realise their products.

LEVEL 1 MEDIA STUDIES (11MDS)

Year 11, Level 1

Pre-requisites: No pre-requisite.

Course Description: L1 Media Studies is a subject that allows students to understand and analyse the many ways in which the world of Media influences their lives, tastes, and behaviour. It feeds into the specialized Media Studies courses at Level 2 and 3 and can support students in courses moving forward in Digital Technology and Social Sciences. Students are given a foundation in film language, media construction, social issues, and impact. Working collaboratively to produce a powerful and engaging media project on an issue that is personal to them. This course is suited to students who are interested in examining their place in the world, telling their own stories, and gaining practical film-making experience.

This course is made up of Digital Technology and Sociology standards. Please note students will need to select courses based on understanding that they only get credits for that standard in one learning area.

LEVEL 2 DIGITAL TECHNOLOGIES (12DLT)

Year 12, Level 2

Pre-requisites: Satisfactory level of achievement in Year 11 DLT.

Course Description: Digital Technologies focuses on applying technological ideas within a digital environment. The course allows students to develop computational thinking skills and the ability to design and develop digital outcomes, working collaboratively to produce creative and innovative solutions to existing problems.

LEVEL 2 TRADES (12TRD)

Year 12, Level 2

Pre-requisites: Curriculum Leader approval based on successful completion of Level 1 Trade. – Student numbers limited to 24.

Course Costs: \$150.00 for take home component of materials

Course Description: Students build on their understanding and skills in trade. Through individual construction projects students develop skills in safety procedures, reading plans, planning projects, measuring and marking out materials, cutting and shaping techniques, joining components and surface finishing. There is an emphasis on developing more confidence with a wider range of hand tools and power tools. Our group projects focus on gaining a real world understanding of trade practices including problem solving within teams.

This is a BCITO course that prepares students who are interested in entering the Trades as a career.

LEVEL 2 DESIGN AND VISUAL COMMUNICATION (12DVC)

Year 12, Level 2

Pre-requisites: Curriculum Leader approval based on achievement of at least 10 credits in Level 1 DVC.

Course Costs: \$100.00 for take home component of materials

Course Description: In Year 12, students will build on a foundation of knowledge and techniques established in Level 1. During the year, students will undertake a design project requiring the use of specialist product design knowledge, detailed visual communication techniques and graphic design principles, as well as research and understanding of the history of Design movements. Students will be encouraged to be creative in their design exploration, challenge and refine their own design practice and present their solutions in the school exhibition.

LEVEL 2 FOOD TECHNOLOGY (12FOT)

Year 12, Level 2

Pre-requisites: 12 credits from Level 1 Food Technology or Curriculum Leader approval.

Course Costs: \$150.00 for take home component of materials

Course Description: Food Technology aims to develop skills in working with food to create products for a range of given situations. The course is structured to improve nutritional knowledge, food handling and hygiene abilities and presentation skills. Students will learn how to create and implement manufacturing processes, manipulate materials, and use a design process to produce a successful outcome.

LEVEL 2 HOSPITALITY (12HOS)

Year 12, Level 2

Pre-requisites: Open entry (student numbers limited to 24), willingness to undertake practical and written work. A high level of attendance, the right attitude to learning and the ability to meet deadlines is necessary.

Course Costs: \$150.00 for take home component of materials

Course Description: Hospitality aims to develop the necessary skills needed when working with food in a commercial environment. The course includes food handling and hygiene abilities and presentation skills.

LEVEL 2 PRODUCT DESIGN (12PRD)

Year 12, Level 2

Pre-requisites: Achieved 14 credits in either DVC or Year 11 Product Design or Curriculum Leader approval.

Course Costs: \$130.00 for take home component of materials

Course Description: Enables students to learn about the materials, processes and steps involved in the design and manufacture of products and solutions in real life situations. Term 1 they are given the opportunity to build a specified project. This project enables the students to develop an understanding of how to manipulate materials into complex shapes. In Term 2 the students then develop concept design. The students identify an item of importance and design a project that will showcase this item in a manner that enhances its intended social environment. They work through the design process researching, sketching, developing functional models and eventually produce a final design. With completion of the concept design standard the students then access the workshop tools and machinery to construct a prototype.

LEVEL 2 MEDIA STUDIES (12MDS)

Year 12, Level 2

Pre-requisites: None.

Course Description: Media Studies encourages students to engage critically with the Media world around them. Through the study of a range of media, learners will be challenged to think and make rather than consume. The power of media/film language is explored, with an emphasis on how this serves wider media industries, social dynamics and, most importantly, their own media production. Students will conceptualize, design, plan, shoot and edit their own short media text. They will also study RomCom films as a media genre, considering their evolution through audience and as a money-making Hollywood genre formula.

This course is suited to curious learners who ask questions and enjoy engaging in critical and creative thinking.

LEVEL 3 DIGITAL TECHNOLOGIES (13DLT)*

Year 13, Level 3

Pre-requisites: Good achievement at Year 12 DLT.

Course Description: Digital Technologies focuses on applying technological ideas within a digital environment. The course allows students to develop computational thinking skills and the ability to design and develop digital outcomes, working collaboratively to produce creative and innovative solutions to existing problems.

LEVEL 3 COMPUTING (13CMP)

Year 13, Level 3

Pre-requisites: Year 12 Computing/Digital Technologies or at the discretion of the TIC.

Course Description: Students learn about the use of main features and functions of a variety of computer applications to provide a solution for organizational use.

LEVEL 3 TRADES ACADEMY (13TRD)

Year 13, Level 3

Pre-requisites: Curriculum Leader approval based on successful completion of Level 2 Trade. – Student numbers limited to 24. **Course**

Costs: \$200.00 for take home component of materials and trade resources

Course Description: Students build on their L2 understanding and skills in Trade. Through construction of a large project, they develop skills in safety procedures, reading plans, planning projects, measuring and marking out materials, cutting and shaping techniques, joining components and surface finishing. When considering this class, please be aware that this is an Academy Class and is taught alongside, Trades PE, Trades Careers, and Trades Mathematics and English.

LEVEL 3 DESIGN AND VISUAL COMMUNICATION (13DVC) *

Year 13, Level 3

Pre-requisites: Curriculum Leader approval based on achievement of at least 14 credits at Level 2 DVC.

Course Costs: \$115.00 for take home component of materials

Course Description: This course extends knowledge and skills established in Level 1 and 2, applying these to more individualised design projects from a variety of design contexts. Well-articulated communication of ideas and design thinking through experimentation and refined visual techniques are key aspects to the subject at this level. Students will compile a design portfolio that will show that they have creatively worked through the design process and will provide appropriate material for entry applications to design related courses such as Architecture, Landscape, Interior and Graphic design.

LEVEL 3 FOOD TECHNOLOGY (13FOT) *

Year 13, Level 3

Pre-requisites: 14 credits at Level 2 Food Technology or Curriculum Leader approval.

Course Costs: \$150.00 for take home component of materials

Course Description: This course is designed for those students with an interest in food and are seeking a pathway to a career that is university based. It will build on the skills and knowledge acquired in Level 2. Students will learn how the choice of materials used impacts on product creation. Following a brief, they will test and improve their design ideas in order to create a product that is fit for the purpose. There are no written examinations. Students submit a portfolio of evidence of work at the end of each achievement standard.

LEVEL 3 HOSPITALITY (13HOS)

Year 13, Level 3

Pre-requisites: 14 credits from Level 2 Hospitality or Curriculum Leader approval.

Course Costs: \$150.00 for take home component of materials

Course Description: Students will have the chance to develop a range of practical and theoretical skills in the hospitality kitchen. Successful achievement of all the standards will ensure that students have skills which could be transferable to entry level employment in cafes and food businesses in New Zealand.

Please Note: The standards offered on this course require students to be exposed to 'commercial realism' so they will be required to prepare and serve food to the public or staff, sometimes before or after school. The practical standards cannot be achieved without this, therefore students signing up for this course **must** be able to commit to this time requirement in order to achieve.

LEVEL 3 PRODUCT DESIGN (13PRD) *

Year 13, Level 3

Pre-requisites: Achieved 14 credits in either Year 12 Product Design or DVC or Curriculum Leader approval.

Course Costs: \$130.00 for take home component of materials

Course Description: Enables students to learn about materials, processes and steps involved in the design and manufacture of products and solutions in real life situations. Term 1 students are given the opportunity to build an advanced specified project. In Term 2 the students develop a concept design. This project is developed with the intent of solving a real-world environmental issue. Students develop the design through in-depth research, developmental sketching, functional modeling and rendering a finalised design in its intended social environment. With completion of the concept design standard the students then access the workshop tools, and machinery to realise the prototype.

LEVEL 3 MEDIA STUDIES (13MDS) *

Year 13, Level 3

Pre-requisites: 14 Credits in Year 12 Media Studies OR Year 12 English, Digital Technology, DVC, Art. Art Design, Photography, History/Geography/Sociology.

Students should be prepared for a mixture of work that is written, design portfolio and practical/make based.

Course Description: Media Studies is about engaging critically with our Media centric world. The focus of the year is the exploration of the relationship between media and society. The course requires students to work as critical and creative media consumers AND producers. The basis of the course engages students in the development of a concept for a short film production, writing industry standard scripts as well as establishing a design and plan, securing pre-production resources, to produce a layered narrative short film.

This course is suited for learners who are excited about asking questions and thinking critically about 'the Media'

SPECIALIST TRAINING

	Y12	Y13
SPECIALIST TRAINING	AUTOMOTIVE ENGINEERING CARPENTRY FULL YEAR CARPENTRY HALF YEAR ELECTRICAL HALF YEAR EARLY CHILDHOOD EDUCATION ENGINEERING / CAD	CONSTRUCTION AUTOMOTIVE EARLY CHILDHOOD EDUCATION

LEVEL 2 SPECIALIST TRAINING

CONTACT: Ms Crawford

Year 12, Level 2

Pre-requisites: Specialist Training Coordinator (Ms Crawford approval after application and interview (excellent attendance, effort, and attitude in Y11). Students will travel to MIT one day per week by public transport (transport costs are paid). **Students MUST submit an application form (from Student Services)**

Course Description: This programme is a ONE day a week programme. Students spend four days at school and **one day at MIT** covering the full school year. Students on this programme will be seriously considering a transition to full time trades study or work at the end of year 12. For the four days each week at school students will be enrolled in their normal subjects.

LEVEL 3 SPECIALIST TRAINING

CONTACT: Ms Crawford

Year 13, Level 3

Pre-requisites: Specialist Training Coordinator (Ms Crawford) approval after application and interview (excellent attendance, effort and attitude in Y12). Students will travel to MIT two days per week by public transport (transport costs are paid).

Students interested in this programme MUST submit an application form (from Student Services) by Friday 13th August 2024

Course Description: There may be an opportunity for a limited number of places on a **2 day per week** level three MIT Trades Academy programme in the following areas:

- **Automotive**
- **Construction**
- **Early Childhood Education**

CAREER PATHWAY INFORMATION

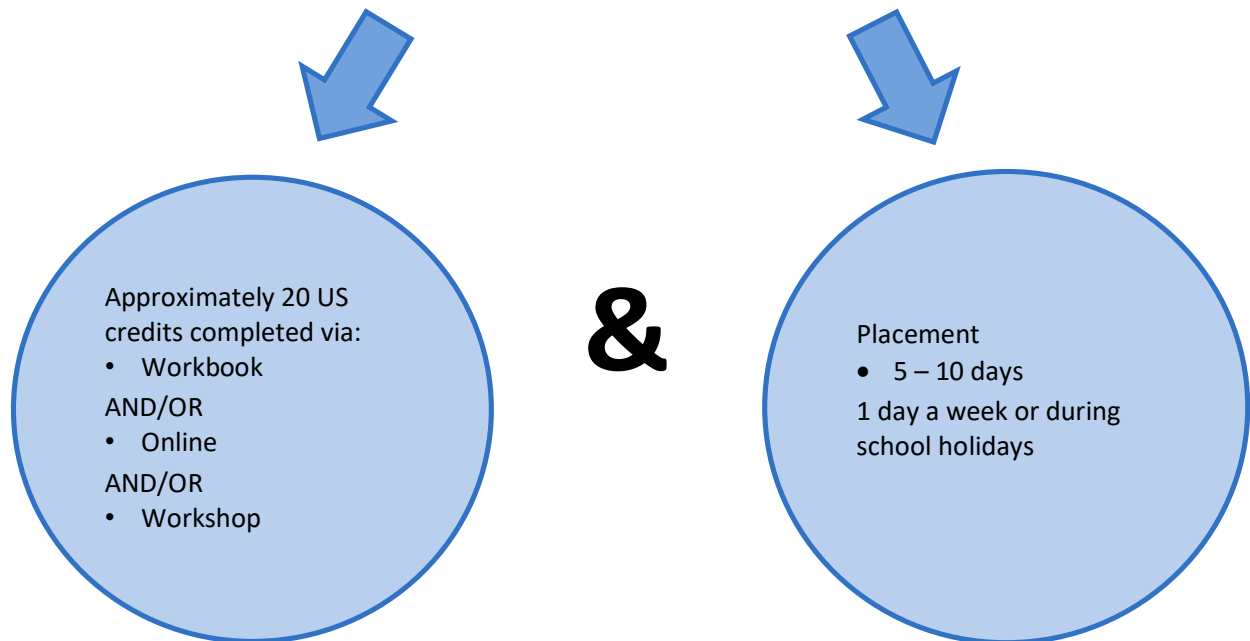
The One Tree Hill College Careers Centre provides information for all students about careers and further education. For more information about tertiary courses please check out the following websites. You will get detailed and up-to-date information about courses on offer and entry requirements.

Visit: Careers Centre www.onetreehillcollege.school.nz/student-services/careers-centre/

- Use this website booking page to make a 1:1 appointment to discuss your students needs.

Universities:	
University of Auckland	www.auckland.ac.nz
Auckland University of Technology	www.aut.ac.nz
Canterbury University	www.canterbury.ac.nz
Lincoln University	www.lincoln.ac.nz
Massey University	www.massey.ac.nz
Otago University	www.otago.ac.nz
Victoria University	www.vuw.ac.nz
Waikato University	www.waikato.ac.nz
Polytechnics:	
Ara	www.ara.ac.nz
Manukau Institute of Technology	www.manukau.ac.nz
Otago Polytechnic	www.op.ac.nz
Unitec	www.unitec.ac.nz
Private Training Providers:	
Air New Zealand Aviation Institute (Airline Customer Service)	www.aviationinstitute.co.nz
Army, Navy & Air Force	www.nzdf.mil.nz
Aston Warner Nanny Academy	www.nannyacademy.ac.nz
Computer Power Plus (IT)	www.computerpowerplus.ac.nz
Crown Institute of Studies (Business, Tourism & Hospitality)	www.crown.ac.nz
Culinary Collective	www.culinarycollective.co.nz
Cut Above (Hairdressing & Makeup)	www.cutabove.ac.nz
Earn Learn	www.earnlearn-tepukenga.ac.nz
ETCO	www.etco.co.nz
Elite Beauty School	www.elitebeautyschool.co.nz
Excel School of Performing Arts	www.excel.ac.nz
Healthcare Academy of New Zealand	www.healthcareacademy.ac.nz
International College of Camille	www.collegeofcamille.com
International Travel College (Tourism)	www.itc.ac.nz
Media Design School (IT & Design)	www.mediadesignschool.com
MAINZ (Music)	www.mainz.ac.nz
NZIS – New Zealand Institute of Sport	www.nzis.co.nz
NZMA	www.nzma.ac.nz
New Zealand School of Food and Wine	www.foodandwine.co.nz
New Zealand School of Tourism	www.nzschooloftourism.co.nz
Police	www.newcops.co.nz
Samala Robinson Academy	www.samalacosemetics.com
Servilles (Hairdressing & Makeup)	www.servilles.ac.nz
South Seas Film & Television (Yoobee College)	www.yoobee.ac.nz
Te Mahi Ako (Work in the active recreation, leisure + entertainment sectors)	www.temahiako.org.nz
Te Wānanga o Aotearoa	www.twoa.ac.nz
Techtorium (IT)	www.techtorium.co.nz
Vet Nurse Plus	www.vetnurseplus.co.nz
Whitecliffe College (Art & Design)	www.whitecliffe.ac.nz
Wellpark College	www.wellpark.co.nz
Yoobee College of Creative Innovation	www.yoobee.ac.nz

Gateway Programme



Open to year 12 and 13 students

Animal Care	Disability support	Landscaping
Automotive	Distribution and logistics	Peer mentoring
Bakery/patisserie	Early Childhood	Pest eradication
Barbering	Electrical	Pilot
Beauty therapy	Electricity supply	Plumbing, gas fitting and drain laying
Broadcasting	Engineering	Ports and stevedoring
Building	Farming/Agriculture and Horticulture	Retail
Business	Fashion	Road transport
Butchery	Fitness, recreation and sport	Rugby Coaching
Cheffing	Flight attending	Rugby refereeing
Child Behaviour	Forklift	Scaffolding
Coaching skills	Hairdressing	Security
Collision repair	Health and Safety	Software Developer
Commercial cleaning	Healthcare	Special effects makeup and scene design
Computer engineering	Hospitality	Sports coaching
Computer recycling E-Waste	Hotel front of house (housekeeping and food & beverage)	Sports turf
Cosmetology	Hygiene for workplaces/cleaning	Tourism
Crane operator	Infrastructure	Youth work
Cultural confidence	Journalism	

NOTES

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COLLEGE

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