

YEAR 13

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AWATAPU
COLLEGE

Course Information

COURSE INFORMATION BOOKLET

GENERAL INFORMATION

COURSE SELECTION

Please refer to the following pages for courses offered at Awatapu College. When students are making their course selections, it is important they keep in mind their ability, their interests and their possible future course of study and/or occupation.

Students should read this booklet carefully and ask for guidance in order to select courses that are appropriate and interesting and will give students a suitable course of study for their future career.

Students are advised to seek individual guidance from:

- Present option teachers
- Deans, Careers Advisor or Form Teacher
- Parents / Caregivers
- Other teachers who know them well

YEAR 13 SUBJECTS

Year 13 students select 5 (5) or six (6) options. This booklet outlines details of the options available to Year 13 students. Students will complete their subject choices online via the Awatapu College Portal whilst in Year 12, for the following year. This will be submitted to their Deans for checking. Please ensure the entry requirements for the course are checked and clearly understood prior to making course selection/s.

NCEA STUDY

At Year 13, students will study towards NCEA Level Three, University Entrance or Scholarship, or a combination of these.

- NCEA Level Three requires students to gain 60 credits at Level Three or above, plus Literacy and Numeracy or Te Reo Matatini and Pāngarau credits from Level 1.
- University Entrance requirements are outlined on the next page.
- Scholarship is an exam for a very small number of very able students. Subject teachers will advise if it is appropriate for individual students.

NCEA Certificates may be awarded with an endorsement for Merit or Excellence if a student has met NZQA requirements which require 50 credits at Merit or Excellence level. A subject endorsement is also possible when a student earns 14 credits or more at Merit or Excellence, with at least 3 credits from internals and at least 3 credits from externals.

Each course specifies the minimum entry requirements.

UNIVERSITY STUDY

University Entrance (UE) requires the following:

- NCEA Level Three (60 Credits)
 - 14 credits must be from each of three subjects from an approved list* (42 credits)
- Plus 10 credits in Literacy at Level Two (made up of 5 Reading and 5 Writing credits) or above
- Plus 10 credits at Level One Numeracy

Note: Due to the implementation of a Guaranteed Entry Score by many Universities, students intending to go to university are advised to select Achievement Standard courses. Each University specifies the minimum entry requirement for restricted entry courses.

**Students should refer to the NZQA website (www.nzqa.govt.nz) for the full list of Approved Subjects for University Entrance. Please note, this list contains subjects and/or credits that may not be available at Awatapu College. Students are advised to discuss their subject selection with their teacher/Head of Department.*

MULTI-LEVEL STUDY

Some Year 13 students will be able to take a combination of subjects from different levels in order to give them the best formal qualification in each subject. This will mean that some students will study courses at Level One or Level Two.

COURSE SELECTION PROCESS

1. Staff will be available to answer questions and offer advice at the Parent Interview nights.
2. Students login to the student portal to select their "subject choices".
3. Deans will confirm final course selection with students following notification of examination results where applicable.

NOTE: It is extremely important that students choose their Course of Study carefully in order to give them a suitable course of study in future years.

YEAR 13 ENGLISH

ENGLISH

13ENG

Course Outline:

- Explore fascinating texts from different eras, discover what inspired their creation and uncover the insight they hold
- How we perceive the world is often determined by the lens through which we observe it. Put your bias to the side as you discover the value of recognising and applying different lenses such as psychoanalytic, feminist, and Marxist approaches to understanding text
- Bring your thoughts and ideas to life. Learn the secrets writers use to command attention and apply them to ensure your voice is heard

Assessment: 18 credits, UE approved, 14 UE Literacy credits.

Course Length: Full Year

Entry Requirement: Students must have 12 or more L2 English credits, or at the discretion of HOD

Where does it lead? This course will ensure you have the literacy and critical thinking skills to excel in the future. If you plan to study at university this course is highly recommended. For those looking to enter the workforce, the communication skills developed herein will help set you apart from the competition

Contact: Mr Tuck

MEDIA STUDIES: JUST THE FACTS? JOURNALISM

13MED

Course Outline: Level Three Media Studies is very different from the Level Two course. We focus on the real world around us. This course studies journalism; documentaries, broadcasting, magazine writing, blogging/vlogging and issues related to media. Students will plan, shoot and edit a documentary or mockumentary and create a magazine or website layout on a topical issue of interest to them. The tangled relationship between media platforms and their audiences, and the social impact of media, will be explored.

Assessment: Level Three Achievement Standards

- 13 credits assessed internally
- 4 credits assessed externally

Course Length: Full Year

Entry Requirement: Students must have 12 or more credits at Level Two English and/or Media Studies, or at the discretion of the Teacher in Charge of Media Studies

Where does it lead? Media Studies/Journalism at University, Film School, a career in media, marketing, advertising, public relations, computer generated image design, web design and animation. Even if students do not pursue media studies beyond secondary school, it will continue to inform the way they understand media around them.

Contact: Mr Traill

ENGLISH LANGUAGE

13ELL

Course Outline: This course is only for students from non-English speaking backgrounds. This course covers listening, speaking, reading and writing skills. Assessment: This is an internally assessed course based on English Language Standards.

Course Length: Full Year

Entry Requirement: Decided by the HOD

Where does it lead? It prepares students to cope with the demands of the English Language at tertiary level. It also equips them to sit the IELTS/TOEFL exams required by tertiary institutions.

Contact: Mrs Matthews

YEAR 13 MATHEMATICS

MATHEMATICS WITH CALCULUS

13MAC

Course Outline: This course is based upon Phase 5 of the New Zealand Mathematics Curriculum. The course covers algebra - real, rational and complex numbers; trigonometry; coordinate geometry; calculus including differential equations.

Assessment: Level Three Achievement Standards

Course Length: Full Year

Entry Requirement: A minimum of 15 credits at NCEA Level Two Mathematics with a total of at least 6 credits in Algebra, Calculus and Trigonometry

Where does it lead? Higher Mathematics courses at tertiary institutions. Important background for study and/or careers in the physical sciences and engineering. Many career paths require the completion of Mathematics at this level.

Contact: Mr Flynn

STATISTICS

13MAS

Course Outline: This course is based on Phase 5 of the New Zealand Mathematics Curriculum. This course is divided into statistics and probability. Emphasis is on using statistics to analyse data with the use of calculators and computers.

Assessment: Level Three Achievement Standards

- 12 credits assessed internally
- 4 credits assessed externally

Course Length: Full Year

Entry Requirement: A minimum of Achieved grade in Year 12 Statistics 2.9, 2.10, 2.11, 2.12 and 2.13

Where does it lead? Leads to higher Statistics at University and possible careers in psychology, biological sciences, forensics and business analysis. Used heavily in the physical sciences and medicine

Contact: Mr Flynn

MATHEMATICS INTERNAL

13MAI

Course Outline: This course is based upon Phase 5 of the New Zealand Mathematics Curriculum. The course covers linear programming, critical path analysis and simultaneous equations.

Assessment: Level Three Achievement Standards – 18 credits assessed internally

Course Length: Full Year

Entry Requirement: A minimum of 6 credits at NCEA Level Two Mathematics Achievement Standards, or at the discretion of the HOD

Where does it lead? Level Three Mathematics prepares you for apprenticeship level courses and trade courses needing Mathematics skills

Contact: Mr Flynn

YEAR 13 SCIENCE

BIOLOGY

13BIO

Course Outline: The course focuses on:

- Evolution and human evolution
- Animal behaviour and plant responses
- Socio-Scientific issue research
- Practical Investigation

Assessment: Level Three Achievement Standards

- Up to 10 credits assessed internally
- Up to 9 credits assessed externally

Course Length: Full Year

Entry Requirement: 14 credits from Level Two Biology, or at the discretion of the HOD or TiC Biology

Where does it lead? Careers in medicine, nursing, radiology, physiotherapy, vet science, molecular biology and genetics, environmental law, teaching, agriculture, horticulture, business/commerce/industry involving ecology and marine biology.

Contact: Mrs Mapuilesua (Whaea Pip)

CHEMISTRY

13CHE

Course Outline: This course builds on the learnings of Level 2 Chemistry: The structure and properties of molecules, how they react together, and how these give rise to unique properties. Topics include:

- Thermochemistry and the properties of particles and substances
- The properties of organic compounds
- Reduction and oxidation
- Spectroscopic data
- Chemical processes in the world around us

Assessment: Level Three Achievement Standards

- Up to 13 credits assessed internally
- Up to 10 credits assessed externally

Course Length: Full Year

Entry Requirement: Entry Requirement: 11 credits at Level Two Chemistry, or at the discretion of the HOD or TiC Chemistry

Where does it lead? University or Polytechnic study, e.g. medicine, horticulture, agriculture, engineering, food technology, physiotherapy, dental technology.

Contact: Mrs Mapuilesua (Whaea Pip) or Dr Wright

PHYSICS

13PHY

Course Outline: The course includes both theoretical and practical learning opportunities and focuses on:

- Mechanics - translational and rotational motion, including angular motion, simple harmonic motion and gravitation
- Waves - waves in pipes and strings, standing waves, interference, the Doppler Effect
- Electricity and electromagnetism - DC circuits, capacitors, magnetic fields and inductors, AC circuits and components
- Atomic and Nuclear - atomic line spectra, quantum theory and nuclear energy

Assessment: Level Three Achievement Standards

- Up to 9 credits assessed internally
- Up to 16 credits assessed externally

Course Length: Full Year

Entry Requirement: 14 credits at Level Two Physics, or at the discretion of HOD. It is recommended that a Level Three Mathematics or Statistics course is taken as well.

Where does it lead? University or Polytechnic study, e.g. medicine, chemistry, engineering, veterinary, architecture, surveying, meteorology, radiography, aviation.

Contact: Mrs Mapuilesua (Whaea Pip)

EARTH AND SPACE SCIENCE

13ESS

Course Outline: Learning areas include:

- Ocean systems
- Aspects of Astronomy
- Atmosphere systems
- Evidence used to date geological events
- Earth and Space issue

Assessment: Level Three Achievement Standards

- Up to 12 credits assessed internally
- Up to 8 credits assessed internally

Course Length: Full Year

Entry Requirement: A minimum of 5 credits from NCEA Level One Science or at discretion of the HOD

Where does it lead? University or Polytechnic study, e.g. surveying, meteorology, astronomy.

Contact: Mrs Mapuilesua (Whaea Pip)

Course Outline: This course will be designed on individual needs and goals. Students will choose from a choice of Unit and Achievement standards and a plan for the year made with Whaea Pip. Students are able to gain UE science by completing the 4 achievement standards on offer.

Possible topics include:

- Propagation, Cultivation and harvesting of Crops
- Life in our solar system
- Ocean Acidification
- Nuclear Power

Possible Assessment: Level Three Unit Standards

- Up to 30 credits assessed internally

Level Three Achievement Standards

- Up to 14 credits assessed internally

Course Length: Full Year

Entry Requirement: 7 Credits in any Level Two Science course, or at the discretion of the HOD

Where does it lead? Careers in teaching, laboratory research, botany, agriculture, horticulture, conservation and environmental science.

Contact: Mrs Mapuilesua (Whaea Pip)

YEAR 13 SOCIAL SCIENCE

BUSINESS STUDIES & AGRIBUSINESS

13BUS

Course Outline: This course aims to develop students' understanding of the role of New Zealand businesses in the international sector and agricultural sectors. Students will gain knowledge of the principles, processes and systems involved in running an international business in the New Zealand context. Should students choose to do so, this course may also involve students setting up a sustainable business in conjunction with a business mentor and running and reviewing their business over a period of time.

Assessment: Level Three Achievement Standards

- 12 credits assessed internally
- 4 credits assessed externally

Course Length: Full Year

Entry Requirement: Available to students who have not studied Level Two but students must have an aptitude for both figures and language and a willingness to work hard all year. Entry is at the discretion of the HOD

Where does it lead? Business Studies at University/Polytechnic or starting your own business later in life

Contact: Mr Hatch

CLASSICAL STUDIES

13CLS

Course Outline: Course not offered in 2026 – See Mr Reid if any questions.

Assessment: This course is Achievement Standard based and offers 20 credits; two internal assessments (research reports) and two external assessments (end of year examination consists of essays on classical literature and art). All standards count towards literacy.

Course Length: Full Year

Entry Requirement: 12-15 credits in English, History or Geography, or at the discretion of the HOD

Where does it lead? Classical Studies at a tertiary level, teaching or fieldwork

Contact: Mr Reid

GEOGRAPHY

13GEO

Course Outline:

- A study of the cultural process of tourism development in Rotorua – Includes a three-day field trip to Rotorua in Term 3.
- Geography skills and concepts
- Geographic research into the processes that have shaped the Manawatu River from mountains to sea - includes a 5-location river field trip
- A global study of fertility rate decline in economically developed countries, which includes aspects of industrialisation and population studies
- A study of the contemporary geographic issues human trafficking and wildfires in Canada.

Assessment: Level Three Achievement Standards

- 11 credits assessed internally
- 8 credits assessed externally
- 14 credits count towards UE Reading and 8 credits count towards UE writing

Course Length: Full Year

Entry Requirement: 14 credits in Year 12 Geography (including at least one external Geography standard or equivalent), another Social Science or by negotiation with the HOD

Where does it lead? University level courses in Geography and other Social Sciences, the Natural Sciences, Planning, Resource and Environmental studies. Tourism studies courses at Polytechnic and University. Great general knowledge about our planet and the forces that shape it. Travel and Tourism opportunities. Leisure interests in our changing world

Contact: Mr Dunbar

HISTORY

13HIS

Course Outline: Develop understanding of the causes and consequences of significant events of the Nineteenth and Twentieth Centuries while building critical thinking, research, and communication skills.

Assessment: Level Two Achievement Standards

- 15 credits assessed internally
- 10 credits assessed externally

Course Length: Full Year

Entry Requirement: Successful completion of Year 11 or 12 History or English, or at the discretion of the HOD

Where does it lead? University Study e.g. journalism, policy analysis, administration, law, library work or teaching. History students learn excellent skills in information gathering, analysing, processing and presentation that can be applied to all future study

Contact: Ms McKinnon

TOURISM

13TSM

Course Outline: This is a national Unit Standards Course, developed by the New Zealand School of Tourism. Topics include:

- Te Reo Māori place names, greeting and farewells
- Provide customer service for international visitors
- Destination Australia
- Knowledge of Pacific Islands Countries
- Destination New Zealand

Assessment: 24+ Unit Standard Level Three credits

Course Length: Full Year

Entry Requirement: English Language, Geography, computer and keyboard skills. It is an advantage to have completed Tourism Studies in Year 12

Where does it lead? Opportunities to continue with tourism studies at tertiary level, as well as careers in local and regional hospitality, tourism and recreation industries. This course leads on to National Certificate in Tourism and National Certificate in Travel at Polytechnic or to university studies in Tourism

Contact: Mr Dunbar

YEAR 13 HEALTH & WELLBEING

PHYSICAL EDUCATION

13PED

Course Outline: This course provides learning experiences that promote an understanding of the need for a physically active and healthy lifestyle. These learning experiences should also develop the understandings and skills which underpin successful activity and encourage continued participation in the future. This course is student orientated. Students are expected to continue performing academically and practically throughout the year.

Topics include:

- Evaluate physical activity experiences to devise strategies for life long well- being
- Demonstrate quality performance of a physical activity in an applied setting
- Examine a current physical activity event, trend or issue impacting on New Zealand society
- Evaluate the use of health promotion to influence participation in physical activity

Assessment: Level Three Achievement Standards

- 17 credits assessed internally
- 7 credits count towards UE Literacy

Course Length: Full Year

Entry Requirement: Minimum of 10 Level Two credits in Year 12 Physical Education, or at the discretion of the HOD

Where does it lead? Students can continue to study Physical Education at University, Polytechnic or College of Education leading to courses in teaching, sports coaching and sports management

Contact: Mr Crawford

SPORT & RECREATION

13SPR

Course Outline: This course has a large component that is recreational based. Topics include:

- Planning a physical activity programme or experience
- Performing a physical activity to nationally developed performance standards
- Students will also be offered a chance to participate in a number of recreational activities
- Explore the role of recreation activities in New Zealand

Assessment: Variety of Level Three Achievement and Unit Standards

- 4 Achievement Standards credits
- 11 Unit Standards credits
- 4 credits count towards numeracy

Course Length: Full Year

Entry Requirement: At the discretion of the HoD

Where does it lead? To further studies at Polytechnics. It also will provide students with information to allow further involvement in sport and recreation

Contact: Mr Crawford

FOOD & NUTRITION

13NUT

Course Outline: Ākonga will explore a range of current nutrition and well-being issues affecting individuals, communities, and society in Aotearoa. This course looks at how global trends, marketing, and social attitudes shape the way New Zealanders think about and consume food — and how these choices impact our health.

Ākonga will explore topics such as:

- Nutrition and Well-being in New Zealand – Understanding current nutrition issues and how they affect the well-being of individuals and communities.
- The Influence of Global Food Companies– Investigating how multinational food corporations shape food choices, eating habits, and food environments in New Zealand.
- Making Sense of Nutrition Information – Learning to critically evaluate nutrition claims, media messages, and conflicting information about food and health.
- Ethical Issues in Food and Nutrition (optional)– Exploring different viewpoints on complex food-related issues and considering their impact on people, communities, and the environment.

Ākonga will develop their critical thinking skills to evaluate these influences and make informed, evidence-based decisions about food, health, and well-being.

Assessment: Level Three Achievement Standards

- 15 credits assessed internally - All standards offer reading literacy credits
- 4 credits assessed externally - Reading and writing literacy credits available

Course Length: Full Year

Entry Requirement: 10 credits from Level 2 Food & Nutrition, or at the discretion of the HOD

Where does it lead? Careers in Nutrition, Dietetics, Nursing, Health, Health Management and Science

Contact: Ms Sutton

HEALTH

13HLH

Course Outline: Students will analyse health issues that impact people in NZ and around the world. Students will:

- Examine some Ethical health issues
- Compare different health practices from NZ and around the world
- Explore some major health issues impacting their peers

Assessment: Level Three Achievement Standards – 19 Credits

- 14 credits assessed internally
- 5 credits assessed externally

Course Length: Full Year

Entry Requirement: Passed at least 10 credits Level 2 Health or discretion of HOD

Where does it lead? Psychology, Social Work, Nursing, Health Management, Counselling

Contact: Mr Crawford

YEAR 13 ARTS

ART - DESIGN

13ARD

Course Outline: Art Design is for students who have artistic skills and want to develop them in the area of design. Students will do a series of internal units and then choose an area of design that suits them.

Assessment: Level Three Achievement Standards

- 12+ credits assessed internally
- 14 credits assessed externally

Course Length: Full Year

Entry Requirement: Minimum of 12 credits in Year 12 Art, or at the discretion of the HOD

Where does it lead? This course leads directly to selection for Art and Design degrees at University or Polytechnic, as well as courses at technical institutes and Community Colleges. Career information will be available throughout the year

Contact: Mr Dobson

ART- PAINTING / PRINT MAKING

13ARP

Course Outline: Art Painting is for students who have painting skills and wish to develop them. This course has internal units and then students choose a suitable style for their external submission.

Assessment: Level Three Achievement Standards

- 12+ credits assessed internally
- 14 credits assessed externally

Course Length: Full Year

Entry Requirement: Minimum of 12 credits in Year 12 Art obtained in Art Painting units

Where does it lead? This course leads directly to selection for a Fine Arts degree at University or Polytechnic, as well as courses at technical institutes and Community Colleges. Career information will be available throughout the year

Contact: Mr Dobson

ART- HISTORY

13ARH

Course Outline: Art History is a broadly based course covering the high renaissance to modern New Zealand Art. It increases an awareness and understanding of the functions of Art within the social context of its time and the relationship between the artists and society.

Assessment: Combination of Level Three Unit and Achievement Standards - 23 credits. Optional external Standards available

Course Length: Full Year

Entry Requirement: Year 12 English requirement for University Entrance is required. Students do not need any practical art ability but an appreciation of art works is an advantage

Where does it lead? This course offers an opportunity for university study of Art History and is a preferred requirement for entry into Practical Art Schools, Polytechnics, and Technical Institutes. It is complete in itself and provides an ideal background for teaching and work related to art galleries

Contact: Mr Dobson

PHOTOGRAPHY

13PHT

Course Outline: Art Photography is for students with skills in art and an interest to develop them using photography as a medium. The course is made up of internal units and then students choose a style in which they complete their external submission.

Assessment: Level Three Achievement Standards

- 12+ credits assessed internally
- 14 credits assessed externally

Course Length: Full Year

Entry Requirement: Minimum of 12 credits in Year 12 Art or Photography, or suitable creative ability displayed to the HoD

Where does it lead? This course leads directly to selection for Art and Photography degrees at University or Polytechnic, as well as courses at technical institutes and Community Colleges. Jobs can be sought directly from practising photographers. Career information will be available throughout the year

Contact: Mr Dobson

DRAMA

13DRA

Course Outline: This course builds on skills learned at Levels One and Two, places emphasis on the independent selection, use and integration of drama techniques, elements and conventions. Students will need to show a high level of commitment to group and independent work as they prepare for performance work. Students will be assessed internally in three performances to audiences. All performances are accompanied by written statements of intention, character details and script annotations. Students will also see live performances, complete analytical study of these in class and write an exam paper at the end of the course. It is recommended that students are studying full time in school in order to meet the attendance responsibilities of rehearsal and final performance.

Assessment: Level Three Achievement Standards

- 13 credits assessed internally
- 4 credits assessed externally

Course Length: Full Year

Entry Requirement: Successful completion of Year 12 Drama with a minimum of 8 internal credits, or at the discretion of the Teacher in Charge of Drama

Contact: Mrs Oatway

MUSIC

13MUS

Course Outline: Students can specialise in their chosen areas of music throughout the course. They may focus on composition and/or performance assessments depending on their strengths and interests. They can also develop skills in arranging, research and music literacy.

Options include:

- Performing as a soloist, on a second instrument, and within a group
- Composing three original songs in a style of their choice (classical, rock, jazz etc)
- Composing three original songs in the singer-songwriting style (must include lyrics)
- Arranging Music
- Researching a music topic
- Completing the music theory Exam

This structure allows students to develop skills in performance, composition, arranging, research, and music literacy while focusing on the areas that interest them most. While up to 46 credits are available, students are strongly advised to target no more than 22 credits to maintain a realistic and manageable workload.

Assessment: Level Three Achievement Standards

- 42 credits assessed internally
- 4 credits assessed externally (Music Analysis Exam)

Course Length: Full Year

Entry Requirement: Successful completion of Year 12 Music with a minimum of 8 internal credits, or at the discretion of the HOD of Music

Where does it lead? Year 13 Music sets a strong foundation for tertiary study in music performance, composition, or music education at University or Polytechnic level. Beyond specialized music pathways, studying music builds high-level critical thinking, self-discipline, creativity, collaboration, and performance confidence—skills that are highly valued across a wide range of creative industries, media, communications, and flexible career paths.

Contact: Ms Trent

DANCE

13DAN

Course Outline: This course is designed for students who are competent dancers. Students will develop their performance and choreography skills working both individually and in groups. Students will create performances, including aspects such as lighting and costuming. Students will gain further understanding of dance cultures and different dance genres. This course enhances student's creativity and ability to develop management skills.

Assessment: Level Three Achievement Standards

- 12 credits assessed internally
- 4 credits assessed externally
- 4 credits count towards literacy

Course Length: Full Year

Entry Requirement: Year 12 Dance or at the discretion of the TIC of Dance

Where does it lead? Tertiary study or work in the industry

Contact: Ms Berge

YEAR 13 LANGUAGES

JAPANESE

13JAP

Course Outline: Students will extend and develop their ability to communicate effectively in Japanese. They will also deepen their awareness of the Japanese culture and its value system. The course is based around four topics: land and people, travel and tourism, Japan at work, communication and the media, and includes mastering more Kanji, bringing the total to 160. Students will be given the opportunity to participate in a variety of language and cultural activities including online exchanges with schools in Japan, a Japanese festival and activities with visiting Japanese students.

Assessment: Level Three Achievement Standards

- 8/9 credits assessed internally (Speaking, Interaction, Writing)
- 10 credits assessed externally (Listening, Reading)

Course Length: Full Year

Entry Requirement: Successful completion of Year 12 Japanese, or at the discretion of the HOD

Where does it lead? You will be able to study Japanese at University at the second-year level. There are also several opportunities for fully/partially subsidised study trips to Japan. Your proficiency will be of such a level that you will be able to make practical use of your Japanese

Contact: Mr Chapple

Course Outline: This is an NCEA Level Three examination course. Topics include:

- Speaking Māori effectively and accurately
- Comprehending spoken Māori
- Comprehending written Māori
- Researching, analysing, speaking and writing their thoughts on Te Ao Māori and Tikanga Māori.

Assessment: Level Three Achievement Standards

- 14 credits assessed internally
- 6 credits assessed externally

Course Length: Full Year

Entry Requirement: Successful completion of Year 12 Te Reo Māori and the ability to conduct a simple conversation and to speak briefly on a topic

Where does it lead? Links to University, Polytechnic and community interaction

Contact: Pā Kevin Waho

YEAR 13 TECHNOLOGY

DIGITAL TECHNOLOGY

13DIT

Course Outline: Students will design and develop complex digital outcomes using advanced programming and system development practices. They will also critically evaluate existing solutions and consider long-term impacts such as sustainability, usability, and innovation opportunities. This course supports transition into tertiary study or careers in digital technology.

Assessment: Level Three Achievement Standards

- 15 credits assessed internally
- 3 credits assessed externally

Course Length: Full Year

Entry Requirement: 12 or more credits in Level 2 Digital Technology, or at the discretion of the HOD

Where does it lead? This course provides a strong foundation for further study at university or polytechnic, especially in digital design, software engineering, or IT-related fields

Contact: Mr Carpendale

FASHION AND MATERIAL TECHNOLOGY

13FMT

Course Outline: "Fashion as innovation. Fashion with impact." As the pinnacle of your studies, you will push the boundaries of design by considering global and social contexts. Students will:

- **Product Life Cycle Analysis:** Engage in a comprehensive theoretical study of the entire product life cycle—from raw material extraction and design to use and disposal.
- **Master Craftsmanship:** Execute ambitious, original projects from conceptualization to professional completion, requiring meticulous planning and high-level technical mastery.
- **Creative Leadership:** Demonstrate a strong personal voice through high-quality garments that consider sustainability and community impact.

Assessment: Level Three Achievement Standards (16 internal / 4 external credits). Alternative Unit Standard assessments are available to ensure all students reach their creative goals.

Course Length: Full Year

Entry Requirement: Successful completion of at least one assessment in Fashion and Material Technology the previous year or at the discretion of the TiC.

Where does it lead? Tertiary study in Fashion, Design, Product Development, or any creative industry

Contact: Mrs de Lange (Whaea Chantelle)

BCATS Level 3 Skills Standard Programme: The BCATS (Building Construction Allied Trades Skills) Level 3 programme provides the opportunity for students to gain knowledge and develop practical skills aligned to the building and construction sector. A mixture of practical and theory-based skill standards contribute towards the Level 3 NCEA qualification.

Assessment: Skills Standards. As the theory standards are fully integrated with the major practical project no credits can be awarded until the completion of the project which will be late term 3 at the earliest.

Entry Requirement: BCATS Skill Standard programme: Successful completion of the Year 12 Wood Materials Technology programme or at the discretion of the HOD.

Where does it lead? Students gain Level 3 BCATS Skills Standards credits and/or 'BCITO' (Building Construction Industry organisation), 'Gateway Advanced Carpentry' or 'Gateway Advanced Other Trades' through the Gateway programme. Completion of BCATS Skill Standards is highly regarded for entering the construction industry.

Technology Achievement Standard Programme – Level 3:

This programme is designed for those students who wish to pursue a more academic orientated pathway in the future. Students must have enjoyed success in the Achievement Standard programme in Year 12, having strong design skills and the ability to work largely as independent learners. Students will be invited on this basis, and in consultation with parents/caregivers selected for this programme. Note: The same subject code applies, 13 WMT.

Students completing this programme may not be concurrently enrolled in Fashion Design Technology as the Technology Achievement Standards being facilitated are the same as for Wood Materials Technology.

Entry Requirement: Achievement Standard Programme: Students will be invited on this basis, and in consultation with parents/caregivers selected for this programme. Successful completion of the Level 2, 12WMT Technology Achievement programme.

Where does it lead? Students completing this course of study are likely to be considering design related tertiary or professional careers aligned to the building and construction sector.

Course Length: Full Year

Contact: Mr Brears

Course Outline: Students will learn:

- Draughting skills within a CAD package
- Computer Aided Design Skills
- New Zealand and ISO standards for technical drawing
- Advanced construction techniques for orthographic projection
- Parallel construction methods
- Mechanical perspective
- Advanced sketching techniques

Assessment: Unit Standards

Course Length: Full Year

Entry Requirement: Satisfactory completion of Year 12 Engineering and Construction Drawing, Year 12 Graphics, or at the discretion of the HOD

Where does it lead? Building and furniture making, draughting, mechanical engineering, automotive technician or some specialised degree course

Contact: Mr Dowrick

AUTOMOTIVE

13AUT

Course Outline: This is an online course that combines theory and practical assessments. Students work within an e-learning environment at their own pace. There are 20 credits available at Level 2 and Level 3, and successful students will earn the MITO StartUp Level 3 Automotive Micro-credential.

Course Length: Full Year

Entry Requirement: Successful completion of MITO StartUp Level 2 Automotive Micro-credential

Where does it lead? Automotive industry apprenticeships

Contact: Mrs Jorgensen

MECHANICAL ENGINEERING TECHNOLOGY

13MEC

Course Outline: National Certificate in Mechanical Engineering. This course involves both practical and theory work.

Assessment: Offers 42+ credits at Level Two

Course Length: Full Year

Entry Requirement: Satisfactory performance at Year 11 Mechanical Engineering Technology, satisfactory completion of Level One Numeracy and Literacy, reasonable understanding of IT, or at the discretion of the HoD

Where does it lead? Mechanical Engineering, Polytechnic and other advanced trade training establishments. It is a good precursor course for tertiary Engineering as it provides exposure to both material properties and manufacturing processes, which will place candidates in a positive position in the second year of a degree which encompasses project/team work. We use Solidworks which is the 3D modelling programme of choice for Polytechnics and Universities as well as being the most common application in the industry. We can give exposure to various CNC machines which is also a requirement for University Engineering studies

Contact: Mr Dowrick

SPATIAL AND PRODUCT DESIGN

13SPD

Course Outline: Students continue to develop their visual communication techniques, with a particular focus on idea generation from a range of visual influences and on creating a public presentation of their design outcomes. Students will also explore the impact that others (stakeholders) will have on their design, considering what makes good and bad design.

Assessment: Level Three Achievement Standards

- 12 credits assessed internally
- 4 credits assessed externally

Course Length: Full Year

Entry Requirement: Satisfactory completion of Year 12 SPD

Where does it lead? Tertiary design-based degrees and qualifications such as, but not limited to, Architecture, Product Design, Industrial Design, Landscape Design, Set Design, Exhibition design. Also, Trade-based qualifications such as Civil Engineering, Prototyping, and the Construction industries.

Contact: Mrs Jorgensen

YEAR 13 CAREERS

U-SKILLS (ENTRY BY APPLICATION)

13USK

Course Outline: This course provides senior students with an opportunity to attend UCOL while still at school and gaining industry skills. Students will attend UCOL 1 or 2 days per week (depending on the year level/course). This programme is ideal for those who have an idea of where they want to go and want to start working towards their pathway. To participate you must show a keen interest in an area of study and will be interviewed to check your suitability for the programme.

Entry is by application to Ms Johanson (HOD Careers) by September for placement the following year. School attendance is considered as students need to be able to manage their college learning as well as studying at UCOL. Their staff will also interview students as part of the application process. Assessment: Approximately 15 credits available in U-Skills standards in class as well as UCOL course credits that count towards NCEA.

Examples of Courses Available: *(These vary from year to year)* Level 3 Examples of Courses Available: *(These vary from year to year)* Level 3 Animal Care, Police Pathways, Gamification, IT Innovation and Cookery. NB - Not all the compulsory units of work will gain credits.

Course Length: Full Year

Entry Requirement: Entry is by invitation. Applications must be made to Mrs Johanson (HoD Careers) by September for placement the following year. Students need to be able to manage their college learning and actively working towards achieving NCEA, as well as studying at UCOL.

Contact: Ms Johanson

GATEWAY

13GAT

Course Outline: This course offers students a career focused and structured workplace learning platform while still at school. It is a partnership between Awatapu College and the local business community. The aim of this programme is for students to develop self-awareness, career specific knowledge and skills. It is hoped to place students in an excellent position to gain employment, apprenticeships or to undertake tertiary study during or at the end of the year. There is a compulsory work experience component of a half or full day work experience each week in Terms 1-3. Students are encouraged to try and gain work placements through their own network of friends and family or by approaching employers. Assistance is available. Students will need to purchase a Student ID card (available from the school office) for this course.

Assessment: Approximately 20 credits in Gateway unit standards in class as well as, where available, industry-based assessments from outside providers.

Course Length: Full Year

Entry Requirement: At the discretion of the HOD. The application process will include an interview and consider school attendance as students will be required to maintain both their college programmes as well as their work placement days. Students must have their work experience placement arranged before starting Gateway in Term One.

Where does it lead? Career pathways include apprenticeships, employment in a range of level entry school leaver options, and further education generally through Polytechnic courses.

Contact: Ms Johanson

TRANSITION

13TRN

Course Outline: This course will prepare student school leavers and early job seekers with a more rounded education to ensure they have the necessary 'worldly' skills and direction once leaving secondary school, beginning further studies or entering directly into the job market. The theory and practical skills taught in the Transition course allow young adults to take a positive step from school to further studies and/or career opportunities, which will also benefit them throughout their lives. Transition will give students confidence to make a smooth transition from school to work. Course content will include: personal finance management (budgeting), producing a CV and preparing for a job interview, maintaining an independent living space, and drivers' education.

Students will need to purchase a Student ID card (available from the school office) for this course.

Assessment: Approximately 20 NCEA credits are offered. NB: Not all units of work will gain credits.

Course Length: Full Year

Entry Requirement: At the discretion of the HOD

Contact: Ms Johanson

FINANCIAL LITERACY

13FLI

Course Outline: This course will enable students to gain knowledge in the main financial literacy principles. The focus is on income and personal budgeting, including credit/debt, taxation and interest. They will investigate banking systems, Kiwisaver, renting/purchasing goods and property and insurance. This course will give students the confidence to manage their finances both now and later in life.

Assessment: Approximately 20 NCEA credits are offered. NB: Not all compulsory units of work will gain credits.

Course Length: Full Year

Entry Requirement: At the discretion of the HOD

Contact: Ms Johanson