

YEAR 12

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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 in Year 13.

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 12 SUBJECTS

Year 12 students select six (6) options. This booklet outlines details of the options available to Year 12 students. Students will complete their subject choices online via the Awatapu College Portal for the following year, which 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

The National Certificate of Educational Achievement (NCEA) Level Two will be the qualification that the majority of Year 12 students will be working towards.

Year 12 courses will be assessed against NCEA Achievement Standard and/or Unit Standards. Standards may be assessed internally (during the year) or externally (by examination in November). NCEA Level Two requires students to gain at least 60 credits at Level Two or above, plus Literacy and Numeracy or Te Reo Matatini and Pāngarau credits from Level 1

Please note that University Entrance requires 10 credits in Literacy at Level Two and 10 credits at Level One or higher in Numeracy, as well as credits from three University Entrance approved courses. If a student is planning on going to university, they should be aware of these requirements. It is desirable for students aiming for university to plan a programme of subjects offering Achievement Standards.

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 externals and at least 3 credits from internals.

MULTI-LEVEL STUDY

Year 12 students who do not qualify for a full Year 12 programme may be able to take individual subjects at Level Two if they have achieved to a suitable level in that subject at Level One. Other subjects studied can be at Level One. Some Year 12 students may also find study at Level Three.

Each course specifies the minimum entry requirements.

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 12 ENGLISH

ENGLISH

12ENG

Course Outline:

- Look beneath the surface—what choices, ideas, and hidden meanings shape visual texts, and how does the director use these to engage the viewer?
- We all have stories to tell, we just need to find the courage to share them. This course will help you channel your inner muse and teach you how to craft language in a range of forms.
- Explore archetypes in literature and unlock the insights they hold.

This course is highly recommended for students considering studying at university and for all careers that required critical thinking and literacy skills.

Assessment: 18 credits, 10 UE Literacy credits on offer.

Course Length: Full Year

Entry Requirement: Students must have 10 or more L1 English credits

Where does it lead? L3 English

Contact: Mr Tuck

MEDIA STUDIES: THE SILVER SCREEN—CINEMA

12MED

Course Outline: Media Studies at Level Two offers students a whole new field of study, focusing on the film industry, film making and film study. Students will learn about film style and the history of cinema, practice the craft of screenwriting and explore the deeper meaning of film texts through genre study. It also has a strong creative, practical element as students learn about video production - planning, shooting and editing short films and other media products.

Assessment: Level Two Achievement Standards

- 16 credits assessed internally
- 4 credits assessed externally

Course Length: Full Year

Entry Requirement: Students must have 10 or more credits in English and/or Media Studies, or at the discretion of the TiC of Media Studies

Where does it lead? Year 12 Media Studies

Contact: Mr Traill

ENGLISH LANGUAGE

12ELL

Course Outline: This course is only for students from non-English speaking backgrounds. It covers listening, speaking, reading and writing skills for students from non-English speaking backgrounds. English Language Standards at Level Two are taught and assessed.

Assessment: This is an internally assessed course based on English Language Standards.

Course Length: Full Year

Entry Requirement: Decided by the HOD Language

Contact: Mrs Matthews

YEAR 12 MATHEMATICS

MATHEMATICS WITH CALCULUS

12MAC

Course Outline: This course is based upon Phase 5 of the New Zealand Mathematics Curriculum. The course emphasises the development of Algebra and Graphing skills applied in a range of situations. Calculus is introduced at this level. Other aspects of the course include Trigonometry.

Assessment: Level Two Achievement Standards

- 11 credits assessed internally
- 9 credits assessed externally

Course Length: Full Year

Entry Requirement: Passes of both internals at level 1 mathematics needed for entry, or at the discretion of the HOD

Where does it lead? Year 13 Mathematics with Calculus

Contact: Mr Flynn

STATISTICS

12MAS

Course Outline: This course is based on Phase 5 of the New Zealand Mathematics Curriculum. The course emphasises the development of statistical interpretation and analysis skills applied in a range of situations. Topics covered include multivariate data analysis, probability simulation, statistical report writing and questionnaire design.

Assessment: Level Two Achievement Standards

- 14 credits assessed internally
- 4 credits assessed externally

Course Length: Full Year

Entry Requirement: Passes of both internals at level 1 mathematics needed for entry, or at the discretion of the HOD. Strongly recommend students have passed at least one English writing Standard

Where does it lead? Year 13 Statistics

Contact: Mr Flynn

MATHEMATICS INTERNAL

12MAI

Course Outline: This course is in two parts. Half of it is based on industry Mathematics Unit Standards using measurement skills, geometry and number skills. The other half focuses on individual financial literacy such as budgeting and personal income issues. This course is designed for those students who want to study Mathematics and financial issues that will be directly useful for them in life.

Assessment: This course is fully internally assessed

- 9 Unit Standard credits
- 10 Achievement Standard credits

Course Length: Full Year

Entry Requirement: 10 credits from Mathematics or at the discretion of the HOD

Where does it lead? Year 13 Mathematics Internal

Contact: Mr Flynn

YEAR 12 SCIENCE

BIOLOGY

12BIO

Course Outline: Learning activities include lectures, lab practical's and research covering:

- Life processes at the cellular level
- Animal adaptations
- Genetic variation and change
- Gene expression

Assessment: Level Two Achievement Standards

- Up to 14 credits assessed internally
- Up to 8 credits assessed externally

Course Length: Full Year

Entry Requirement: Achievement of AS92022 (CB1.3- Genetic Variation) or at the discretion of the HOD Science

Where does it lead? Year 13 Biology

Contact: Mrs Mapuilesua (Whaea Pip)

CHEMISTRY

12CHE

Course Outline: This course is divided into:

- Bonding, structure and energy changes
- Organic Chemistry
- Oxidation - reduction reactions
- Qualitative Analysis

Assessment: Level Two Achievement Standards

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

Course Length: Full Year

Entry Requirement: Achievement of AS92023 (CB1.4 - Properties of Substances) or at the discretion of the HOD Science

Where does it lead? Year 13 Chemistry

Contact: Mrs Mapuilesua (Whaea Pip)

PHYSICS

12PHY

Course Outline: Learning areas include:

- Physics practical's
- Electricity and electromagnetism
- Mechanics
- Atomic and nuclear physics

Assessment: Level Two Achievement Standards

- Up to 10 credits assessed internally
- Up to 12 credits assessed externally

Course Length: Full Year

Entry Requirement: Achievement of AS92047(PESS 1.4 Energy concepts) or at the discretion of the HOD Science

Where does it lead? Year 13 Physics

Contact: Mrs Mapuilesua (Whaea Pip)

EARTH AND SPACE SCIENCE

12ESS

Course Outline: Learning areas include:

- Oil spills
- Extreme environments
- Extreme Earth events
- Stars and Planetary systems
- Earth and Space issue and validity of information

Assessment: Level Two Achievement Standards

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

Course Length: Full Year

Entry Requirement: Achieved 92046 or at discretion of the HOD or TiC Earth and Space Science

Where does it lead? Year 13 Earth and Space Science

Contact: Mrs Mapuilesua (Whaea Pip)

SCIENCE

12SCI

Course Outline: This course is made up of only internal standards-both Achievement Standard and Unit Standards. Students will learn about propagation techniques, gardening skills and Oil Spills

Assessment: Level Two Achievement Standards

- Up to 26 credits assessed internally

Course Length: Full Year

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

Where does it lead? Year 13 Science Internal

Contact: Mrs Mapuilesua (Whaea Pip)

BUSINESS STUDIES & AGRIBUSINESS

12BUS

Course Outline: This course aims to develop students' understanding of the role of large businesses in society. It aims to provide students with factors which might impact on business management and their flow on effects. The course also covers management systems, such as human resource, external influences on business, cash flow management and ownership structures involved in running a large business in the New Zealand context. If student choose to, though few do, they can run a small business over the course of the year. In this case, a large part of the course may involve students setting up a business, running and reviewing their business activity over a period of time. They will be working in independent groups in order to prepare and plan their business activity.

Assessment: Level Two Achievement Standards

- 11 credits assessed internally
- 4 credits assessed externally

Course Length: Full Year

Entry Requirement: Available to students who have not studied Level One, 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? Year 13 Business Studies & Agribusiness

Contact: Mr Hatch

CLASSICAL STUDIES

12CLS

Course Outline: This course explores the history, literature, and culture of Ancient Greece and Rome. The various units will include a research assignment on a significant event in the classical world, an in-depth study of an ancient text, an examination of art and architecture, and an investigation into the social and political life of the ancient world.

Assessment: Level 2 Achievement Standards

- 10 credits assessed internally
- 14 credits assessed externally
- All credits count towards university entrance literacy

Course Length: Full Year

Entry Requirement: 10 or more credits in Level One English or Media/History/Geography, or at the discretion of the HOD

Where does it lead? Year 13 Classical Studies

Contact: Ms McKinnon

Course Outline: You will examine and research these topics:

- In-depth study of The Tongariro Volcanic Centre – includes a 3-day field trip to Tongariro National Park
- A study of the geographic issues surrounding the proposed Ruataniwha Dam
- A global study into the spread of Malaria
- Geography skills and concepts - mapping and interpretations of maps, graphs, photos and diagrams
- Geographic research into environmental variations on Mt Ruapehu - includes data collection at Mt Ruapehu.

Assessment: Level Two Achievement Standards

- 11 internal credits
- 8 external credits

For Jobs in: Tourism, travel, environmental planning, environmental and structural engineering, town planning, Department of Conservation, oil and mineral exploration, agriculture, soil management, teaching and transport management

Course Length: Full Year

Entry Requirement: 10 or more credits in Year 11 Geography (including at least one external standard). You can study this course without having previously studied Geography but you must have good achievement in Year 11 History, Business Studies or other academic Year 11 courses (including success in external exams)

Where does it lead? Year 13 Geography and Tourism and other senior courses in Social Science. Great general interest, general knowledge and travel for the big OE. Jobs in: Tourism, travel, environmental planning, environmental and structural engineering, town planning, conservation, oil and mineral exploration, agriculture, soil management, teaching and transport management.

Contact: Mr Dunbar

HISTORY

12HIS

Course Outline: The main focus is on some of the major forces that have shaped and are shaping our modern world. Topics may include WWI and the conflict in Indo-China. A local research study and an associated field trip will form part of the internal assessment activities.

Assessment: Level Two Achievement Standards

- 14 credits assessed internally
- 9 credits assessed externally

Course Length: Full Year

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

Contact: Ms McKinnon

TOURISM

12TSM

Course Outline: The course develops an awareness of New Zealand's position in the world's largest industry. Topics include:

- Work Roles in Tourism
- Business of Tourism
- Tourist Characteristics & Needs
- World Tourist Destinations
- Knowledge of NZ as a Destination
- Read & Comprehend Work-related Documents
- Calculations in the Tourism Workplace.

Assessment: 24+ Unit Standard Level Two credits

Course Length: One year in modules of Unit Standards

Entry Requirement: English Language. Other languages, geography, computer and keyboard skills would all be of benefit

Where does it lead? Continuing study in Tourism and Travel at Polytechnic or Tourism Management at University. Careers in local and regional hospitality, tourism and recreation industries

Contact: Mr Dunbar

YEAR 12 HEALTH & WELLBEING

PHYSICAL EDUCATION

12PED

Course Outline: This course looks at the theory behind Physical Education. It has both a theory and a practical component. Topics include:

- Anatomy and biomechanics
- Principles and Methods of training
- Performance
- Skill learning
- Analyse the role of physical activity

Assessment: Level Two Achievement Standards. Students will be assessed on both practical and theory work.

- 19 credits assessed internally
- 15 credits count towards literacy

Course Length: Full Year

Entry Requirement: Entry Requirement: A minimum of 14 Level One Physical Education credits (including 1.2)

Where does it lead? Year 13 Physical Education or Year 13 Sport and Recreation

Contact: Mr Crawford

SPORT & RECREATION

12SPR

Course Outline: This course will cover a range of practical and theory based Achievement Standards. Topics include:

- Performance
- Anatomy - Muscles and Bones
- Anatomy - Movement of the body
- Application of Hellisons Social Responsibility
- Recreation activities

Assessment: Variety of Level Two Achievement and Unit Standards. Students will be assessed on both practical and theory work.

- 7 Achievement Standard credits
- 11 Unit Standard credits

Course Length: Full Year

Entry Requirement: N/A

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

Contact: Mr Crawford

FOOD & NUTRITION

12NUT

Course Outline: Ākonga will explore a range of food and nutrition topics relating to individuals, whānau, and communities in Aotearoa. This course looks at how the choices we make about food impact well-being and how New Zealanders work to improve health outcomes through food and nutrition.

Ākonga will explore topics such as:

- Food Rescue and Sustainability – Understanding the role of food rescue organisations, such as Just Zilch, in reducing food waste and supporting more sustainable food systems.
- Nutrition Issues in New Zealand – Investigating current nutrition-related issues and the social, cultural, economic, and environmental factors that influence food choices.
- Health Promotion – Exploring and evaluating health promotion strategies used by communities, organisations, and government agencies to improve nutrition and well-being.

Ākonga will also gain practical skills and knowledge to help them make informed food choices and understand the influences shaping those decisions.

Assessment: Level Two Achievement Standards

- 10 credits assessed internally
- 4 credits assessed externally

Course Length: Full Year

Entry Requirement: 10 credits from Level 1 Food & Nutrition, or at the discretion of the HOD

Where does it lead? Year 13 Food & Nutrition

Contact: Ms Sutton

HEALTH

12HLH

Course Outline: Students will explore a range of health topics relating to young people at Awatapu and across NZ. Students will look at issues that Rangatahi face, such as:

- Mental Health, Vaping, Alcohol/substance abuse and Social media
- Students will explore resilience and look at ways to foster health in themselves and their community.

Assessment: Level Two Achievement Standards – 20 Credits

- 15 credits assessed internally
- 5 credits assessed externally

Course Length: Full Year

Entry Requirement: Passed Level One Literacy or the discretion of the HOD

Where does it lead? Level 3 Health

Contact: Mr Crawford

YEAR 12 ARTS

ART - DESIGN

12ARD

Course Outline: This Visual Art course is for students who wish to continue building on their artistic skills in the fields of design, including graphic design and illustration. Computers are used as a drawing tool to develop a series of design briefs for an imaginary client.

Assessment: Level Two Achievement Standards

- 12 credits assessed internally
- 12 credits assessed externally

Course Length: Full Year

Entry Requirement: Minimum of 12 credits in Year 11 Art to at least an "Achieved" standard

Where does it lead? Year 13 Art Design and Photography

Contact: Mr Dobson

ART - HISTORY

12ARH

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: Level Two Achievement Standards - 20+ credits. Optional external Standards available

Course Length: Full Year

Entry Requirement: Year 11 English or another subject displaying literacy skills. Students do not need any practical art ability but an appreciation of art works is an advantage

Where does it lead? This course is a great way to explore history and society and 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: Mrs Bridge

ART—PAINTING / PRINT MAKING

12ARP

Course Outline: This Visual Art course is for students who wish to continue building on their artistic skills in the fields of painting, printmaking and/or sculpture. Students will learn skills from established practice in their chosen field generating work that develops towards their final folio submission.

Assessment: Level Two Achievement Standards

- 8 credits assessed internally
- 12 credits assessed externally

Course Length: Full Year

Entry Requirement: Minimum of 12 credits in Year 11 Art to at least an "Achieved" standard

Where does it lead? The external course leads to Year 13 Art Painting and Art Printmaking/ Sculpture

Contact: Mr Dobson

PHOTOGRAPHY

12PHT

Course Outline: Art Photography is learning to make art pieces using photography as a medium. Students will learn skills in taking photographs and using the computer as a creative editing tool. To develop skills in producing art works, students use existing practices and artist's studies, learning compositional and creative techniques.

Assessment: Level Two Achievement Standards

- 12 credits assessed internally
- 12 credits assessed externally

Course Length: Full Year

Entry Requirement: At least 10 credits in Year 11 Art, or 10 credits in Year 11 ENI or Year 11 ENG, or at the discretion of the HoD

Where does it lead? Year 13 Art Photography

Contact: Mr Dobson

DANCE

12DAN

Course Outline: Students will develop their skills and knowledge in choreographic devices and dance elements to clearly convey a concept in movement. Practical dance internals include performing a theatre dance and choreographic internals involve solo and group dance construction in a range of dance genres.

Assessment: Level Two Achievement Standards

- 14 credits assessed internally
- 4 credits assessed externally

Course Length: Full Year

Entry Requirement: Year 11 Dance or at the discretion of the TIC of Dance

Where does it lead? Senior Dance Studies

Contact: Ms Berge

DRAMA

12DRA

Course Outline: This course builds on skills learned in Level One and emphasises integration of drama conventions, techniques and elements. Students will have the opportunity to develop these skills through three practical internal assessments with a focus on developing script work (from page to stage), use of theatre form and performing in a teacher-directed production. There is also the opportunity for students to direct their own work and develop script writing skills. Students will also need to write statements of intention and hand in script annotations as part of their assessment. Students will need to show a high commitment to group work when preparing for their assessments. Students will also sit an examination that focuses on theatre form.

Assessment: Level Two Achievement Standards

- 13 credits assessed internally
- 4 credits assessed externally

Course Length: Full Year

Entry Requirement: Successful completion of Year 11 Drama with a minimum of 10 credits, or at the discretion of the TIC of Drama

Contact: Mrs Oatway

MUSIC

12MUS

Course Outline: Students can specialise in their chosen areas of music throughout the course. This flexible structure allows students to develop skills in performance, composition, arranging, research, and music literacy while focusing on the areas that interest them most.

- Composing two original songs in a style of their choice (singer-songwriting, rock, jazz etc)
- Performing as a soloist, on a second instrument, and within a group
- Arranging piano music for four independent instrument combinations
- Researching a New Zealand musician and exploring their musical impact
- Completing the music theory and aural exam

Assessment: Level Two Achievement Standards

- 24 credits assessed internally
- 4 credits assessed externally

Course Length: Full Year

Entry Requirement: Successful completion of Year 11 Music with a minimum of 7 internal credits, or at the discretion of the HOD of Music.

Where does it lead? Year 13 Music

Contact: Ms Trent

PERFORMING ARTS

12PAT

Course Outline: Students will gain a wider perspective into the Performing Arts by studying the technical/design aspects of production. There will be some application of design through practical skills. Students will be involved in drama performances (as technical crew) and will work closely with Drama classes by developing designs for productions. Students will undertake research, then develop and apply this knowledge to the area of design to a specified script/production. Production areas covered will include costume/make up design, lighting design, set design, and taking responsibility for a production area (stage management, front of house, properties manager).

Assessment: Level Two and Three Unit Standards

- 19 Level Two credits
- 18 Level Three credits

Course Length: Full Year

Entry Requirement: Successful completion of NCEA Level One

Where does it lead? Year 13 Performing Arts

Contact: Mrs Oatway

YEAR 12 LANGUAGES

JAPANESE

12JAP

Course Outline: This course provides a progressive development of language skills and cultural knowledge based on 4 main topics: family life, eating and drinking, school system and leisure activities. Upon completion of the course, students will feel much more comfortable using the language and will have gained new insights about Japan, as well as having mastered more Kanji. 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 Two 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 11 Japanese, or at the discretion of the HOD

Where does it lead? Year 13 Japanese

Contact: Mr Chapple

TE REO MĀORI

12MAO

Course Outline: This course aims to consolidate the following concepts and understandings previously learnt:

- Understanding of the spoken and written word
- Speak and write in Māori
- Develop confidence and understanding using Te Reo Māori.

Assessment: Level Two Achievement Standards

- 12 credits assessed internally
- 12 credits assessed externally

Course Length: Full Year

Entry Requirement: Successful completion of Year 11 Te Reo Māori and a willingness to work hard during the year

Where does it lead? Year 13 Te Reo Māori

Contact: Pā Kevin Waho

YEAR 12 TECHNOLOGY

DIGITAL TECHNOLOGY

12DIT

Course Outline: Students will apply advanced programming techniques and software development processes to create robust digital outcomes. They will analyse user needs, apply design conventions, and integrate computer science concepts within their work. Projects focus on practical application and refined design thinking.

Assessment: Level Two Achievement Standards

- 15 credits assessed internally
- 3 credits assessed externally

Course Length: Full Year

Entry Requirement: 10 or more credits in Level 1 Digital Technology, or at the discretion of the HOD

Where does it lead? Year 13 Digital Technology

Contact: Mr Carpendale

FASHION AND MATERIAL TECHNOLOGY

12FMT

Course Outline: "Design with intent. Construct with skill. Reflect with purpose." This course empowers students to find their unique design identity through advanced innovation. Students will:

- Textile Manipulation: Study advanced theoretical concepts of material suitability, experimenting with techniques to manipulate raw materials for specific design outcomes.
- Bespoke Development: Lead a start-to-finish process by developing detailed design briefs for authentic contexts, supported by advanced research and ongoing refinement.
- High-Complexity Construction: Produce garments that reflect increased accuracy, technical complexity, and creative flair.

Assessment: Level Two Achievement Standards (16 internal / 4 external credits).

Alternative Unit Standard assessments are available to provide flexible learning pathways.

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? Year 13 Fashion and Material Technology

Contact: Mrs de Lange (Whaea Chantelle)

WOOD MATERIALS TECHNOLOGY

12WMT

BCATS Skill Standards Programme: The BCATS (Building Construction Allied Trades Skills) 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 contributes towards the NCEA qualification.

Assessment: Skill Standards (Graded at: Not achieved, Achieved, Merit, or Excellence)

Entry Requirement: BCATS Skill Standard programme: Successful completion of the Year 11 Wood Materials Technology programme or at the discretion of the HOD.

Where does it lead? Students can gain Level 3 Skills Standards credits in the Year 13, level 3 programme and/or 'BCITO 13000 series Basic Carpentry Theory' through the Gateway programme. Completion of BCATS Skill Standards is highly regarded for entering the construction industry.

Technology Achievement Standard Programme – Level 2:

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 11, 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, 12 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. Strong design skills, largely independent, and highly motivated students.

Where does it lead? Achievement Standard Level 3 programme, with a view to tertiary study or professional careers.

Course Length: Full Year

Contact: Mr Brears

ENGINEERING & CONSTRUCTION DRAWING

12ECD

Course Outline: Students will learn:

- Draughting skills
- Computer aided design skills
- Technical drawing 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 11 Graphics, or at the discretion of the HOD

Where does it lead? Mechanical Engineering, Auto Technician, Building and Furniture Making, Draughting, some specialised degrees at university

Contact: Mr Dowrick

AUTOMOTIVE

12AUT

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 Two, and successful students will earn the MITO StartUp Level 2 Automotive Micro-credential.

Assessment: 20 Credits

Course Length: Full Year

Entry Requirement: At the discretion of the HOD

Where does it lead? Yr 13 Automotive, Automotive industry apprenticeships

Contact: Mrs Jorgensen

MECHANICAL ENGINEERING TECHNOLOGY

12MEC

Course Outline: This course is a mix of both practical and theoretical Unit Standards. Individual students can negotiate a mix of Achievement Standards and Unit Standards. All paperwork for the first year of any engineering apprenticeship can be completed at school. The course can run over two lines of the timetable.

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 Trade Training. It is a good precursor course for tertiary Engineering as it provides exposure to both material properties and manufacturing processes. We use Solidworks which is the 3D modelling programme of choice for Polytechnics and Universities as well as being the most common application in industry. We can give exposure to various CNC machines which is also a requirement for Engineering studies

Contact: Mr Dowrick

SPATIAL AND PRODUCT DESIGN

12SPD

Course Outline: Students continue to develop their visual communication techniques, with a particular focus on instrumental drawing and the factors that influence good design outcomes. There will also be an increased focus on met to improve the presentation of portfolios. Students will explore and consider the influences that society and past design eras have had on the emergence of modern architecture.

Assessment: Level Two Achievement Standards

- 9 credits assessed internally
- 10 credits assessed externally

Course Length: Full Year

Entry Requirement: Satisfactory completion of Level 1 SPD, or at the discretion of the HOD

Where does it lead? Year 13 SPD

Contact: Mrs Jorgensen

YEAR 12 CAREERS

U-SKILLS (ENTRY BY APPLICATION)

12USK

Course Outline: This course provides senior students with an opportunity to attend UCOL while still at school and gain industry skills. Students will attend UCOL 1 or 2 days per week (depending on the year level/course) and attend school 3 or 4 days per week. 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.

Examples of Courses Available: *(These vary from year to year)* Level 2 Automotive, Level 2 Automotive Panel and Paint, Level 2 Hair, Beauty and Retail, Level 2 Mechanical Engineering, Level 2 Café Skills, Level 2 Early Childhood Education.

Assessment: The credits gained will count towards NCEA achievement and can provide knowledge and skills to go into further study or employment. The UCOL courses have approximately 20 credits available and a further 15 credits can be obtained in class (this includes 6 credits in an optional online driver education programme). Please note there is also an online compulsory component to be completed that is not worth NCEA credits.

Course Length: Full Year

Entry Requirement: 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.

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

GATEWAY

12GAT

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 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 available in Gateway standards in class. Please note - there is also an online learning component that is not worth NCEA credits. When available, there is an opportunity to complete some industry-based standards.

Course Length: Full Year

Entry Requirement: At the discretion of the HOD. The application process will include an interview and will 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

12TRN

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 they leave secondary school, begin further studies or enter 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: rights and responsibilities as a tenant, staying safe online, driver education, producing a CV and job search skills. Students will need to purchase a Student ID card (available from the school office) for this course.

Assessment: Approximately 20 NCEA credits are offered. Please note - there is also an online learning component that is not worth NCEA credits.

Course Length: Full Year

Entry Requirement: At the discretion of the HOD

Contact: Ms Johanson

FINANCIAL LITERACY

12FLI

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