

## YEAR 10 COURSE OF STUDY

All Year 10 students study the core subjects of:

English	4 periods	10ENG
Health Education	Block course	10HED
Mathematics	4 periods	10MAT
Physical Education	2 periods	10PED
Science	4 periods	10SCI
Social Studies	4 periods	10SOS

and select **three** option subjects from the list below. Options run for the whole year and are studied for three periods per week.

Art	10ART
Chinese (Modern Standard)	10CHI
Computer & Information Technology	10CIT
Computer Programming	10CPG
Drama	10DRA
Economics/Accounting/Business	10ECO
Electro-Technology	10ETY
Food & Nutrition	10FDN
French	10FRE
Graphics	10GRA
Horticultural Science	10HOR
Japanese	10JPE
Māori	10MAO
Materials Technology (Metal Based)	10MTM
Materials Technology (Wood Based)	10MTW
Media Studies	10MED
Music	10MUS
Textile Technology	10TTY

Placement into next year's Year 11 subjects is dependent on a student's overall performance in Year 10, including the end of year examinations.

### Year 10 Extension Class

In Year 10 the extension class does not focus on a special project, but the emphasis is on extending the students throughout the compulsory subjects, in preparation for NCEA Level 1.

In early November we will invite all students from the current Year 9 (including the Year 9 Extension class) to apply for places in next year's Year 10 Extension Class.

Selection criteria for a place in this class are as follows:

- A proven academic work record during Year 9
- Very good work habits
- An excellent attitude towards peers and teachers.

This application needs to be returned to the school office by the due date. Feedback from Year 9 teachers will be obtained and used to determine who will be in the extension class. This decision will be made once the Senior students finish for the year and students will be notified by the Year 10 Dean, Mr Peter van Leeuwen.

### Outdoor Education

As part of the Health and Physical Education curriculum, students attend a three day camp early in Term Two, which focuses on meeting challenges. Selected Year 13 students have the opportunity to participate in the Junior Outdoor Education programmes as student leaders.

## ART - 10ART

**Approximate Cost:** \$20.00 fee.

**Entry Requirements:** Completion of Year 9 Art preferable but not necessary.

**Course Outline:** The Year 10 course extends upon the skills and knowledge gained in Year 9. New techniques and in depth investigations of particular artmaking methods and ideas are pursued.

Topics include:

- Drawing.
- Painting.
- Stylisation and screenprinting T-shirt design.
- Sculpture and timebased artmaking.
- Printmaking.
- Design.
- A variety of creative projects.

Once again, an emphasis is placed on drawing and the study of the work of selected artists and artworks.

**Assessment:** Assessment is by means of presentation of practical work, peer critique and self review.

**Where Does It Lead?** NCEA Level 1 Art and beyond to specialist courses in Years 12 and 13. Art also opens up opportunities in a huge range of creative enterprises, including animation, photography, architecture, film, design, etc.

**For Further Information See:**  
Mr S Eng, Mr H Knutson.

## CHINESE (Modern Standard) 10CHI

**Approximate Cost:** None.

**Entry Requirements:** Year 9 Chinese (Levels 1 and 2 Chinese Curriculum), or by negotiation with TIC Chinese.

**Course Outline:** In Year 10 students will build on the work studied in Year 9. Topics used for conversation will include daily routines, homes, clothes, shopping, visiting, food and weather.

We will continue to learn to read and write characters and use conversational Chinese and learn to communicate in basic Chinese in everyday situations. We will learn more about China, Chinese people and their life and practise brush writing of known characters. We will work in groups and pairs using audio, video, computer and character cards to help us.

**Assessment:** Students are encouraged to take responsibility for their own learning and to assess their

own work using charts, and "I can" sheets, graphs, etc. Tests will be little and often with equal weighting on culture, speaking, reading, writing and listening skills. Students will study Level 3 and 4 of the Chinese curriculum.

**Where Does It Lead?** NCEA Level 1 Chinese and beyond; on to full-time study at polytechnic, university or used in employment in a wide variety of situations.

**For Further Information See:**  
Mrs T Yee.

## COMPUTER & INFORMATION TECHNOLOGY – 10CIT

**Approximate Cost:** Students are required to print out their work for assessment. This is achieved through a charge system using a Top-Up Card. Students can purchase print top-up cards from the office or library and must have their print account in credit at all times. These cards are available in \$1, \$2 and \$5 amounts.

**Restriction:** Students may do only one of 10CIT and 10CPG.

**Entry Requirements:** Open entry.

**Course Outline:** This course consolidates and expands on skills and knowledge gained in computing in previous years.

The course enables students to make informed decisions regarding best software and methods to use for tasks they are likely to meet in their educational, personal and working careers. Students use decision making and problem solving skills when carrying out their project work.

Students develop skills and knowledge in:

- Image and photo manipulation.
- Animation concepts.
- Website creation using a web language.
- Text entry skills development.
- Research and design skills.
- Introduction to the technology process of brainstorming, investigation, testing and evaluation.

**Assessment:** Assessment is by means of practical and written work, both short and long term.

**Where Does It Lead?** Year 11 Computer & Information Technology and Year 11 Computer Applications Technology.

**For Further Information See:**  
Mrs B Clark.

## COMPUTER PROGRAMMING 10CPG

**Approximate Costs:** Students are required to print out their work for assessment. This is achieved through a charge system using a Top-Up Card. Students can purchase print top-up cards from the office or library and must have their print account in credit at all times. These cards are available in \$1, \$2 and \$5 amounts.

**Restriction:** Students may do only one of 10CPG and 10CIT.

**Entry Requirements:** This is an advanced computing course and students will need to be good abstract and logical thinkers. This will mean that they have good mathematical ability, particularly in algebra. Year 9 Mathematics achievement will be considered before a student is accepted into this course.

**Course Outline:** The course aims to:

- develop an understanding of programming languages and their use in designing software applications
- develop skills and techniques in organising, designing and managing resources involved in solving Information Technology problems
- develop team management and communication skills

**Assessment:** Practical and written work, both short and long term.

**Where Does it Lead?** Year 11 Computer & Information Technology. Year 12 CIT Programming and Hardware.

**For Further Information See:**  
Mrs R Watson.

## DRAMA - 10DRA

**Approximate cost:** Course Handout \$15.00. Field trip \$20.00.

**Entry Requirement:** Year 9 Drama, with a minimum of 50% overall mark at the end of the course.

**Course Outline:**

Developing Practical Knowledge: Group performance of Performance Poetry/Text.

Communicating and Interpreting in Drama: Students create and perform their own scripts based around Greek Myths and local heroes.

Understanding Drama in Context: The features of each theatre period (Greek and Medieval Theatre)

are introduced and practically explored, including, for example, relevant text work, staging, costuming, technologies, acting style and actor audience relationships relevant to each time period.

Developing Ideas: Students select and refine ideas to create a piece of Children's Theatre, performed in front of a young live audience. Students will also develop ideas by interpreting and performing scripts.

**Assessment:** 50% Practical 50% Theory (related work book and Term test). Ongoing log work reflections throughout the year form a significant part of the overall result in this course.

**Where does it lead?** Students learn to relate and work with others, develop critical and creative thinking skills while developing performance and communication skills in a range of dramatic contexts. Students who attain 50% or more in this course are able to continue with Year 11 Drama.

**For Further Information See:**  
Mrs S McLean.

## ECONOMICS/ACCOUNTING/ BUSINESS - 10ECO

**Approximate Cost:** \$15.00 (Revision booklet, tycoon study guide).

**Entry Requirements:** Open entry.

**Course Outline:**

- Economics (economic theory, Consumer law, decision making).
- Accounting (duff world).
- Enterprise (market day).
- Personal finance/investment (tycoon, income, spending, saving, budgeting, borrowing, sharemarket).

**Assessment:** End of topic tests, end of year examination.

**Where does it lead:** Valuable foundation for Year 11 Economics and Accounting and beyond. Basic money management lifeskills.

**For further information see:**  
Miss K McGuinness, Mr S Douce.

## ELECTRO-TECHNOLOGY 10ETY

**Approximate Cost:** Course fee \$30.00 (includes manual); extended project \$15.00.

**Entry requirement:** Open entry.

**Course Outline:** This subject provides an introduction to Electronics and links with the new technology curriculum. Students will develop an understanding of electronic components and devices. They will be able to design simple electronic circuits and build a wide range of interesting projects.

Students will gain an appreciation of how electronics is used to improve people's lives in the fields of medicine, manufacturing, biotechnology, computing and communications technology.

Students will have the opportunity to build an extended project of their own choice; past examples include radio microphones, mini-stereo amplifiers, electronic jewellery and sound effect kits. In the process students will:

- Develop technological knowledge and understanding.
- Develop technological capability.
- Develop an understanding and awareness of the inter-relationship between technology and society.

**Assessment** - There will be a written end of year exam for the course and circuit construction practicals during the year.

**Where Does It Lead?** NCEA Level 1 Electronics and/or Information Technology and beyond.

**For Further Information See:**  
Mr L Yang.

## ENGLISH - 10ENG (Compulsory)

**Approximate Cost:** Homework Write-on text \$10.00.

**Course Outline:** Year 10 consolidates the learning from Year 9. Students make meaning and create meaning through reading and writing, viewing and presenting, listening and speaking, as part of thematic units. Reading and writing are central to this course. Students will read for their own enjoyment and personal growth, as well as study a range of other texts (novels, short stories, plays and poetry). They will develop a range of skills essential for writing and understanding language in a variety of situations.

Students will expand their interpersonal speaking and listening skills, as well as their ability to comprehend and use oral language in more formal situations. Visual language skills will be developed through studies of magazines, static images, television and film.

Information seeking and processing are important aspects of the course and an NCEA Level 1 Research Standard will be attempted.

**Assessment:** Students will complete a number of common assessment tasks throughout the year, including a two hour examination at the end of the year. In addition, competency-based assessments will be completed as part of individual class work.

**Where Does It Lead?** NCEA Level 1 English.

Placement will depend on performance in assessments and teacher recommendation.

**For Further Information See:**  
Mr M Bennett.

## FOOD & NUTRITION - 10FDN

**Approximate Cost:** \$140.00 fee covers cost of all pantry supplies.

**Entry Requirements:** Open entry.

**Course Outline:** Extension of Year 9 course. Areas of study include:

- Diet and food choices.
- Nutritional requirements.
- Practical work – food preparation, developing practical food handling skills, preparing food for a variety of occasions.
- Food science and technology.
- Using specialist kitchen equipment.
- Meal planning – make a meal; festive cookery, international cookery.
- Safe and hygienic food handling practices.

**Assessment:** By written tests, assignments/projects, practical skills and performance.

**Where Does It Lead?** This course provides students with skills for everyday living. It can lead to further study at other levels in the school and to careers in catering, teaching, food technology, dietetics and other food related careers.

Students do not need to take this subject at this level to be able to take it at Year 11. However, it is recommended.

**For Further Information See:**  
Mrs A Walker.

## FRENCH - 10FRE

**Approximate Cost:** Course fee \$3.00. French Magazine subscription \$18.00, workbook \$10.00.

**Entry Requirements:** Year 9 French or HOD discretion.

**Course Outline:** The four skills of listening, speaking, reading and writing French are further developed. Practical topics (eg. eating and drinking,

health) prepare students for possible later travel in French speaking countries. French Curriculum Levels 3 and 4 are covered. A greater knowledge of French life is gained through projects.

Resources used include audio CDs, video, computer programmes, French readers and French magazines.

**Assessment:** Regular testing – Reading, Writing, Listening and Speaking. Vocabulary will be tested regularly. Students will be encouraged to self-assess and peer-assess using tick charts. End of year examination.

**Where Does It Lead?** NCEA Level 1 French. To a practical knowledge of the French language and culture for future travel and employment purposes.

**For Further Information See:**  
Mrs F Bamford.

## GRAPHICS - 10GRA

**Approximate Cost:** \$10.00 fee.

**Entry Requirements:** Open entry although Year 9 Graphics is of great benefit.

**Course Outline:** The course in Graphics is suitable for students who are keen on drawing and putting ideas on paper. It involves the visual presentation and interpretation of ideas and plans.

Students will be taught basic drawing techniques which will enable them to design everyday objects and present them in a variety of different ways. They will learn the appreciation of size, shape, proportion, how to think in three dimensions and how to express these thoughts on paper so that others may see and understand them. The course includes:

- Two and three dimensional drawing.
- Presentation techniques.
- Rendering and sketching.
- The principles of design.
- Problem solving by drawing.
- Using the design process.
- Computer drawing (CAD).
- Mock-ups and models.

**Assessment:** Projects & class work

- Sketching.
- Presentation.
- Construction and use of equipment.
- Pictorial Drawing.
- Orthographic Drawing.
- Work Completion.

**Where Does It Lead?** NCEA Level 1 Graphics and beyond.

**For Further Information See:** Mr E Wright.

## HEALTH EDUCATION - 10HED (Compulsory)

**Course Length:** One term (approximately 30 periods).

**Approximate Cost:** Workbook \$4.00.

**Course Outline:** Health aims to enhance well-being for self, others and society. Students are encouraged to develop knowledge and skills to make health-enhancing choices.

Topics include:

- What's changed? (Identifying personal factors influencing me).
- What are the issues I face?
- My value and place in society.
- What's important to me? (Stress, resilience).
- Challenges we face (Sexuality, drugs).
- Decision making.

**Assessment:** Students complete three common assessment tasks throughout the term. These tasks are varied in structure; some are individual while others are with a peer. A range of presentation techniques are required.

**Where Does It Lead?** NCEA Level 1 Health.

**For Further Information See:**  
Ms M Lynch.

## HORTICULTURAL SCIENCE 10HOR

**Approximate Cost:** \$15.00 course fee (includes student workbook).

**Entry Requirements:** Open entry.

**Course Outline:**

Practical

- Maintaining a vegetable and flower garden.
- Propagation of plants.
- Experimental work.
- Landscape models.
- Monitoring growth of plants.

Theory

- Plant propagation - seeds, cuttings, division.
- Soil studies.
- Horticulture in Canterbury.
- Basic landscaping.
- Plant husbandry – pests and disease management, pruning.
- Study of Mahoe Reserve.

**Assessment:**

- Practical -
- Propagation.
  - Successful growth and care of plants.
  - Landscape models.

Theoretical -

- Assignments and tests.

**Where Does It Lead?** NCEA Level 1 Horticultural Science and beyond; to increased interest and enjoyment working with plants; to part-time employment.

**For Further Information See:**

Miss K Legg, Mrs J Engel.

## JAPANESE - 10JPE

**Approximate Cost:** Printed workbooks \$10.00.

**Entry Requirements:** Year 9 Japanese or HOD discretion.

**Course Outline:** The Year 10 Course follows on from the Year 9 course, covering Levels 3, 4 and 5 of the National Japanese Curriculum in four topics:

- |            |                                       |
|------------|---------------------------------------|
| Term One   | Doozo Yoroshiku (Nice to meet you).   |
| Term Two   | Kazoku (Family) and daily life.       |
| Term Three | Hobbies, spare time activities, time. |
| Term Four  | Town and around.                      |

Students will learn to read and write all the katakana characters and some kanji characters. Students will also practise speaking and listening to Japanese in pairs and groups. Computer programmes are used to learn vocabulary and explore the colourful culture of Japan.

**Assessment:** Speaking, listening, reading, writing and cultural studies are assessed throughout the year. Students are assessed through self and peer assessment as well as more formal tests.

**Where Does It Lead?** NCEA Level 1 Japanese. The course helps students discover aspects about Japanese lifestyles and culture. Students learn skills that enable them to communicate in a second language as well as gain a deeper insight into another culture.

**For Further Information See:**

Mrs R Austen.

## MĀORI - 10MAO Te Reo Māori

**Approximate Cost:** Field trips or a Marae visit \$15.00 (subject to availability).

**Entry Requirements:** Year 9 Māori or by negotiation with the HOD Māori.

**Course Outline:** Tēnā koutou e hoa mā. During this course students will continue to build on their

confidence and abilities as a student of the Māori language. The course will focus on developing the student's skills in listening, speaking, reading and writing in te reo Māori. Topics covered will include;

- Ngā Tākaro.
- Ngā kai.
- Ngā Mahi i te Kāinga.
- Te Tūtaki Tāngata.

**Assessments:** These will include regular testing of the four language skills throughout the year in the form of projects, assignments and in-class assessments.

**Where Does It Lead?** NCEA Level 1 Māori language course.

**For Further Information See:**

Mr M Jennings.

## MATERIALS TECHNOLOGY (METAL BASED) – 10MTM

**Approximate Cost:** \$100.00 for fees and materials. Any extra projects will be charged accordingly.

**Entry Requirements:** Preferred experience in Year 9 Materials Technology. Class maximum: 24.

**Course Outline:** The course covers, and expands work in sheet metal handling, brazing, fitting and turning and forging. Aluminium casting, arc welding, M.I.G. welding theory are features at this level.

Students develop practical skills and knowledge through set projects in the first half of the year and use these skills to create their own product in the second half.

**Assessment:** Students will be assessed in the following components:

- Brief Development.
- Planning for Practice.
- Outcome Development.
- Practical Skills.
- Knowledge.

**Where Does It Lead?** NCEA Level 1 Product Design Technology or Year 11 Materials Technology (Metal Based).

**For Further Information See:**

Mr E Wright.

## MATERIALS TECHNOLOGY (WOOD BASED) 10MTW

**Approximate Cost:** \$100.00 for fees and materials. Any extra materials will be charged accordingly.

**Entry Requirements:** Preferred experience in Year 9 Materials Technology. Class maximum: 24.

**Course Outline:** Students examine given contexts that need to be solved in more detail. They investigate a range of factors and influences surrounding the context and develop a brief. This forms the requirements of the student's work. They design and develop the final product, planning the needed resources.

Practical skills are a very important part of the program and are taught throughout student's work and in skills projects. There is emphasis on high quality hand skills and finish to the products created.

**Assessment:** Students will be assessed in the following components:

- Brief Development.
- Planning for Practice.
- Outcome Development.
- Practical Skills.
- Knowledge.

**Where Does It Lead?** NCEA Level 1 Product Design Technology or Materials Technology (Wood Based).

**For Further Information See:**  
Mr E Wright.

## MATHEMATICS - 10MAT (Compulsory)

**Approximate Cost:** Homework book \$13.00, and a calculator is needed.

**Course Outline:** During the year students will study units covering the content areas: number, geometry, measurement and algebra. Problem solving strategies and numeracy strategies will be taught throughout the year.

Where possible students will be taught in classes that enable them to work at a pace which is best suited to their individual needs. Scientific calculators with a fraction key will be needed along with a ruler, compass and protractor.

**Assessment:** Students are assessed using class tests and assessments, problem solving tasks and a final exam.

**Where Does It Lead?** Level 1 NCEA Mathematics. Placement will depend on performance in assessments and teacher recommendation.

**For Further Information See:**  
Mr M Howard.

## MEDIA STUDIES 10MED

**Approximate Cost:** \$5.00 for printing and CDs and/or cassettes.

**Entry Requirements:** Year 9 Media Studies.

**Course Outline:** This group-work orientated course aims to further develop the skills acquired in Year 9 Media Studies while continuing to expand students' awareness of media construction, in relation to the following media: television, newspapers, film and radio.

Media Studies develops skills which are useful in a wide variety of media careers. The course improves students' self-confidence and their ability to organise their work, problem-solve, keep to deadlines and work as part of a team. It also challenges students to engage in critical viewing of media content.

**Assessment:** Criterion based, individual and group assessment of the media mentioned above, in the form of assignments and practical exercise.

**Where Does It Lead?** Journalism in Year 12.

**For Further Information See:**  
Miss K Morris.

## MUSIC - 10MUS

**Approximate Cost:** \$5.00 for visiting performing groups.

**Entry Requirements:** To be learning an instrument is required. (Voice is an instrument.)

**Course Outline:**

Units include:

- Film Music (Analysis, Composing).
- Music Theatre (Group Performance, History and Features).
- Dance Music (Music Technology).
- Present a **Solo** and a **Group** Performance Piece on a chosen Instrument.
- Theory, Keyboard, Aural and Score reading skills.

**Assessment:** Criterion based assessment based on Performance, Composition, Theory and Musical Knowledge.

**Where Does It Lead?** Improved skills in Performance, leadership skills, communication, co-operation and self-discipline.

It is strongly recommended that those intending to take NCEA Music Level 1 complete the Year 10 course.

**For Further Information See:**

Ms B McKay.

## PHYSICAL EDUCATION - 10PED (Compulsory)

**Approximate Cost:** P.E. workbook \$5.00.

**Course Outline:** Students learn to understand, appreciate and move their bodies, in a variety of contexts.

We aim to help students develop and improve fundamental skills, interpersonal skills and a healthy attitude toward physical activity.

Students are encouraged to strive for excellence in participation and attitude.

Topics Include:

- Water survival.
- Adventure based learning.
- Quest for gold (Olympics/Athletics).
- Effective teams (Sport education).
- Hit to win (Racquet sports).
- Lifestyles (Activity for everyday).
- Breaking free (International games).

**Assessment:** Active involvement, interpersonal skills, motor skill development, responsibility (safety), leadership and research.

**Where Does It Lead?** NCEA Level 1 Physical Education courses (PED101, PED102, PED103).

**For Further Information See:**

Ms M Lynch.

## SCIENCE - 10SCI (Compulsory)

**Approximate Cost:** Course manual \$15.00, field trips and/or class visits \$30.00. Up to \$20.00 for investigation work costs.

**Course Outline:** This course follows the National Science Curriculum at Level Four/Five and continues the study begun in Year 9.

The topics covered include:

- Communities.
- Variation.
- Atomic Structure.
- Chemical Reactions.

- Electricity.
- Forces.
- Planet Earth.

Various contexts are used by teachers to cover these main strands. At the end of Year 10 students will have completed study at Level 5 and will be ready to study at Level 6 during Year 11.

**Assessment:** Students will be assessed in all the contextual areas with a variety of tests, and an examination will be held at the end of the year. NCEA credits will also be offered after the exam.

**Where Does It Lead?** NCEA Level 1 Science, Horticulture Science and Electronics. Placement in Level 1 Science courses will depend on performance in assessments throughout the year, and teacher recommendation.

**For Further Information See:**

Miss G Barrett.

## SOCIAL STUDIES - 10SOS (Compulsory)

**Approximate Cost:** Workbook \$9.00. Additional field trip fees are likely.

**Course Outline:** This course follows the National Social Studies Curriculum at level 5. The aim of the course is to provide the foundation knowledge and analytical skills through which students can form an understanding of societal issues and developments relevant to their world.

The teaching and learning programme for each class will be based on core knowledge common to all classes and the learning strategies and emphasis will be designed by the class teacher to match the needs of the class. Depending on the strengths of the class, field trips and excursions will be incorporated into the course to add depth of understanding to the topics studied.

Topics

- Geography (an introduction, through the lenses of Social Studies achievement objectives, concepts and processes, to the type of studies conducted in Senior Geography).
- History (an introduction, through the lenses of Social Studies achievement objectives, concepts & processes, to the type of studies conducted in Senior History).
- Social Studies (an introduction to the type of issues that are focused on in Senior Social Studies).
- Current issues (a weekly examination of issues that impact on the world and on individuals). Plus two major assignments focused on a topic of current interest.

- The Real Game, an introduction to the decisions that working people have to make.

**Assessment:** Assessment is designed around core knowledge requirements and is tailored by teachers to the learning needs of each of the classes. There is summative assessment at Year 10.

**Where Does It Lead?** Year 10 Social Studies provides the basis from which students can develop a more specialised interest in one or more Social Sciences in the senior school. These senior subjects include Geography (How the natural environment and people interact), History, Social Studies (contains elements of Psychology, Sociology, Political Science and Philosophy) and Tourism.

**For Further Information See:**  
Ms K Wilson.

## TEXTILE TECHNOLOGY - 10TTY

**Approximate Cost:** \$35.00. This fee covers the cost of some craft materials and sewing notions during the course. The pattern and fabric for the garment is purchased separately and is an additional cost.

**Entry Requirements:** Year 9 Textile Technology skill level is helpful but not essential.

**Course Outline:**

- Project planning and design process.
- Make garments and other textile items.
- Construction techniques.
- Design application methods.

**Assessment:** Assessment will be by assignments/projects, practical skills and performance with emphasis on practical skills.

**Where Does It Lead?** NCEA Level 1 Textile Technology. Development of design skills and practical garment construction techniques. Opportunities to enter both national and local design competitions – building toward design development skills.

**For Further Information See:**  
Mrs A Walker.