

## Year 10 Subject Options 2019

**You are required to select THREE Option subjects but you will only study TWO.** This is because some Option courses may not be offered if only a few students select it, or some Option courses may be oversubscribed. **You will enter your choices into online Option Form.**

**Your first and second choice must come from different lines/groups, as detailed below.**

Line 1	Line 2	Line 3
Business Studies	Music	Design and Visual Communication
Media Studies	Dance	Digital Technology
History	Drama	General Technology - Hard materials
Outdoor Education	Art	Fashion and Design
		Food Technology

**Your third choice can come from any line.**

<b>Line 1</b>
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### Year 10 Media Studies

In Media Studies you will learn to explore media concepts with critical awareness and have practical experience in production work. This course can give you essential skills and expertise as you progress to senior Media Studies, and beyond.

You will develop the ability to communicate confidently as you work in production groups developing media products such as short films. You will develop flexibility, problem solving and openness to new ideas. You will experience "hands-on" use of technology such as cameras and digital editing software.

You will be able to critically interpret a wide range of media. Your group project experiences will enhance your problem solving skills and ability to use your creative skills to produce a finished product to fit a brief.

You would also learn how to convert your digital footage into a public shared resource.

## **Year 10 Business Studies**

In Business Studies, we learn about the role of business in society and the economy. We explore business goals, the types of business and why people set up businesses. We look at the effects on us of business actions and the different pressures that influence their decisions.

We answer questions like: Why are businesses able to produce products, like cigarettes, that kill many people around the world each year? Why are businesses given permission by Councils to pollute rivers? How are multinationals able to benefit from our publicly-funded road, health, education and justice systems, but contribute so little in tax funds to support them?

We study finance and accounting, marketing, types of business and their goals, and some economics. In Marketing, you have the opportunity to study for a NCEA Standard and gain 4 credits. In Finance, you learn how to present simple financial information and record transactions in budgets and cash flow statements. You learn a little about income and taxes.

We work in teams to run a business simulation in which you make decisions to keep your business profitable. In Economics, you will learn about markets and how consumers and producers affect supply and demand, and thus prices.

## **Year 10 Outdoor Education**

Do you have an adventurous spirit? Do you like the outdoors, camping, the sea, the forest and nature? Do you care about the environment? Do you like experiential/fun learning? Then this Outdoor Education Course might be for you. This course is a follow on from the Year 9 course and will further develop skills and knowledge. Please Note: You do not have to have completed the Yr 9 OED course however, all student's skills and capabilities are assessed prior to off site EOTC activities.

The aim of this course is to nurture your adventurous spirit through outdoor adventure. You will be given the opportunity to learn and participate in a range of different outdoor pursuits.

This course comprises of EOTC/field trips and overnight Outdoor education camps. With this in mind students will gain valuable skills and knowledge, developing a strong foundation for their adventure spirit. Leadership, interpersonal skills, environmental awareness, managing risks and developing confidence and self esteem are core components of this course.

There is a compulsory course fee of (\$300) which covers the EOTC activities within this course. Students will also be required to have appropriate/fit for purpose outdoor clothing (a list will be given out to students/families).

## **Year 10 History**

Through a study of some of the major events, trends and developments of the twentieth century, Year 10 History aims to help students to gain an understanding of the world today by looking at the past. The contexts studied will help students to understand current issues relating to race relations and religious conflict. The History course will also encourage students to think about the impact that major world events such as World War II and the Holocaust have had on society.

History teaches students the skills such as essay writing, cartoon interpretation and resource analysis. It also teaches students how to debate issues and how to use digital platforms for research.

These skills are helpful for tertiary education and for future careers in many fields for example law, medicine, journalism and marketing.

<b>Line 2</b>
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## **Year 10 Music**

Year 10 Music will see a development of the skills learned in Year 9. Practical work will largely focus on group and solo performance, composition and use of digital technologies such as DAWs. Theoretical learning is based around notation, score reading, and musical elements with a particular focus on harmony. Students are also exposed to and explore a range of music from different eras and locations.

Learning to develop confidence when performing is a huge part of music at year 10 and plenty of opportunities, both formal and informal will be offered as an opportunity to shine.

## **Year 10 Dance**

This course promotes personal and social well-being by developing your self-esteem, social interaction and confidence in physical expression. You will develop skills, including: exploring the dance elements of body awareness, space, time, energy and relationships; using personal experiences and imagination to express ideas in dance; and sharing movement and responding to your own and others' dance. You will also explore and perform a variety of cultural dances.

This course will also comprise visits to performances which will have entry and transport costs. This course will also have compulsory participation in performances at school events.

## **Year 10 Visual Arts**

*"The internet has created an explosion of opportunity for digital designers and multimedia artists"*

This option focuses on practical art-making. In Visual Arts opportunities will be given for you to express yourself effectively and extend your range of skills, knowledge and techniques using a variety of media and processes. These may include drawing, painting, printmaking, sculpture and design using both traditional and contemporary approaches.

You will be encouraged to use technologies, including emerging applications in digital media within your work.

You will also be required to keep a Visual Arts diary and can expect to be assessed both formally and informally on your practical knowledge, understanding and skills throughout the course.

\*This option is a prerequisite if you are considering taking Graphics at senior level, as Graphics is part of the Visual Arts programme – not to be confused with DVC.

<http://www.studentartguide.com/articles/reasons-to-study-art>

## **Year 10 Drama**

In Year 10 Drama you will build on some of the performance skills developed in Year 9 such as Drama Techniques, Drama Elements and Drama Conventions. You will work in groups to develop performance pieces and perform for students at MHJC and the wider community.

You will learn to work with a wide range of people in various situations. You will develop your communication abilities and confidence in public forums. An interest in performance techniques and creating original work for an audience would be of benefit but these skills will be taught during the course so are not essential. Enthusiasm and a willingness to try everything are essential.

The skills acquired in Drama can be fed into any number of pathways. Being able to speak with confidence in a public situation is an invaluable asset in many other subject areas that involve discussion and presentation. Being able to work cooperatively and creatively in a group develops excellent problem solving skills that can be applied to many areas.

### **Year 10 Food Technology**

Technology is a University approved course and in secondary schools continues to Year 13. This course involves using technological practice to develop food solutions that meet a design brief. You will co-construct your focus area and develop your own design brief. You will have the opportunity to work individually or as a member of a team working on a small group design brief. You will have to design, develop and test your ideas until you find a solution to meet your brief.

You will develop skills to become a supportive team player able to undertake research accessing a variety of sources. You will be able to produce written and practical evidence to support your development work.

The variety of skills you will learn at Year 10 Food Technology lead smoothly on to Year 11 and beyond.

### **Year 10 Fashion and Design**

Technology is a University approved course and in secondary schools continues to Year 13. This course involves developing a range of outcomes related to Fashion and Design. You will learn about the Fashion trends of the past and how they have influenced Fashion today. You will develop knowledge and skills to make items that meet a given Design Brief or Challenge following the Design Process.

You will explore who you are in a conceptual form and learn the skills of design, including looking at digital designing. You will then transfer these new design skills and create designs for a 'personal item'. This will allow you to express yourself in a unique way, while also gaining fundamental design skills and more specialist construction skills using a range of different soft materials.

After an introductory project you will be given the opportunity to Design and Make items suitable for a personal project or you may wish to get involved in a community project, or a local school competition such as a Wearable Arts or a Trash to Fashion competition.

## **Year 10 Digital Technology (Electronics/Coding)**

Digital technology is a University approved course and in secondary schools continues to Year 13. Students will begin with an introductory unit which will equip you with the required skills to programme and use microcontrollers and electronic components to produce your own products such as music amplifiers and light units.

The course will be project based, concentrating on enquiry learning and 'learning by doing' and will incorporate these areas of digital technology (as well as safe and competent use of workshop machinery and power tools)

- Understanding of circuit design and electronic components
- Using prototype boards to test and prove electronic circuit designs and programmes
- Manufacture of electronic circuit boards and associated practical skills
- Programming and use of microcontrollers with a practical outcome
- Manufacturing processes using CAD, 3D printing and laser cutting
- Using computers as an aid to design and development

The course is biased towards practical outcomes but students must be prepared to complete all areas of the course including theory and assignment work. It is an advantage to have taken the year 9 DGT Technology course but is not a requirement, an interest in technology together with a strong work ethic will ensure success.

It is advantageous for students to have a Mac or Windows laptop which has a USB port due to the frequent use of software related to the programming of digital microcontrollers. Chromebooks and iPads can be used but will have limitations when it comes to this. These students will be supported through the NUCs in the central Whanau. The year 10 Digital Technology course is suitable for both Female and Male students.

## **Year 10 Hard Materials Technology**

Technology is a University approved course and in secondary schools continues to Year 13. The Hard Materials course involves working within a context to develop technological products using the latest technologically advanced processes and machine tools as well as computer aided design programmes. In the development of your ideas you will be investigating existing products to identify the key attributes that make the products successful, you will then make mockups or models that can test your ideas together with a range of hard materials to develop those ideas into a final outcome.

You will have the opportunity to develop a wide range of skills and knowledge that will prepare you for NCEA Level 1, 2 and 3. There are many Technology related careers and tertiary courses that have Technology as an entry requirement subject.

It is advantageous for students to have a Mac or Windows laptop which has a USB port due to the frequent use of software related to the programming of digital microcontrollers. Chromebooks and iPads can be used but will have limitations when it comes to this. These students will be supported through the NUCs in the central Whanau.

The year 10 Hard Materials course is suitable for both Female and Male students.

## **Year 10 Design and Visual Communication** (formerly Graphics)

Design and Visual Communication (DVC) is a main communication tool and is an international language which enables students to demonstrate their ideas. DVC is taught through to Year 13 level and further study is available at Technical Institutes and Universities in such areas as Architecture, Graphics Design, Engineering, Interior Design, Advertising, Computer Graphics, Landscape Design etc.

The Year 10 DVC course lays the foundation for Year 11 DVC and is based on the Year 9 DVC course, although it is an advantage to have taken the year 9 DVC course it is not a requirement, an interest in design drawing and developing ideas together with a strong work ethic will ensure success.

This course will give students the chance to develop their own solutions to realistic design problems through the application of the design process and also develop the skills to precisely communicate their ideas by applying a range of Graphics Modes;

- Free hand sketching
- Technical drawing
- Rendering
- Design Software

The year 10 DVC course is delivered using design briefs which are centred on the three main areas of;

- Architectural Design
- Technological Design
- Media Design