

Year 10 Subject Options 2016

Please select 4 option subjects but you will only study 2. This is because some options may not be offered if only a few students select it.

Year 10 Business Studies

Business Studies enables you to look and appreciate the issues that challenge business in a rapidly changing world. As citizens it is important that you are able to make informed and rational decisions about business matters.

In Business Studies your year will be broken up into three sections; business studies, economics and accounting. This enables you to get a taster of each before heading into Level One.

In Business Studies you will be looking at different products, target markets and how they are sold. This will lead onto a NCEA Standard which allows you to gain 4 credits. Accounting will allow students to explore financial statements and make decisions about whether the business should continue or not. Finally, Economics will allow students to look into supply and demand.

Business contexts often offer opportunities to integrate learning across a number of different subjects or learning areas and has strong links to everyday life. Business Studies offers opportunities for practical and creative thinkers as well as for those interested in money!

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.

Year 10 Food Technology

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 Fabric Technology or Soft Materials Technology

Year 10 Fabric Technology will involve developing a range of outcomes using Soft Materials. You will develop knowledge and skills to create outcomes that meet a given design brief.

Possible contexts/authentic learning opportunities will be through both personal and community projects and competitions. You will get the chance to make items using Soft Materials for yourself and others or for the house. You may be interested in entering competitions such as the local Wearable Arts Competition and/or sewing for charity to support causes such as Middlemore Foundation (Middlemore Hospital) and the SPCA and Make a Difference.

Advanced sewers may be interested in sewing for Dress A Girl/Boy Around the World – where you would sew as part of a team to make dresses and shorts for needy children around the world. You will also have the opportunity to share your learning journey and finished creations by blogging on the Dress a Girl Around the World NZ blog.

You will learn how to operate the Sewing machine correctly and learn correct sewing techniques that will enable you to successfully create these items. The wide range of skills and knowledge learnt in Year 10 Soft/Fabric Technology will transfer to Year 11 and beyond. You will also have the opportunity to sit NCEA Achievement Standard 91060 Demonstrate understanding of basic concepts used to make products from textile materials. First time sewers welcome.

Year 10 General Technology

This course involves working within a context to develop technological products. It builds on the Year 9 Technology Course. You will generate ideas that will allow you to develop a range of outcomes. In the development of your ideas you will be investigating existing products to identify the key attributes that make products successful. You will make mockups or models that can test your ideas, then use a range of materials to develop those ideas into a final outcome.

You will learn new skills and knowledge and develop strategies to embrace challenge. You will have the opportunities to work on individual projects and group projects.

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 University courses that have Technology as an entry subject. You will also have the opportunity to sit an NCEA Achievement Standard to gain credits as you work through one of your projects.

Year 10 Visual Arts

Visual Arts enhances fine motor skills, hand-eye coordination, problem solving skills, lateral thinking, complex analysis and critical thinking skills. No matter what career you choose, those who can arrange, present and display material in a way that is aesthetically pleasing have an advantage.

Opportunities will be given for you to extend your range of skills, knowledge and techniques using a variety of media and processes, and develop an increased understanding of the underlying theoretical and conceptual principles.

You will work through authentic activities which may include drawing, painting, printmaking, sculpture and design using both traditional and contemporary approaches. Art history, art criticism and aesthetics will be an inherent part of your practical artmaking. 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 knowledge, understanding and skills throughout the course.

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

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

Year 10 Graphics and Design

Graphics and Design is a main communication tool, it is an international language therefore, it enables students to show their ideas avoiding languages barriers.

The Year 10 Graphics course lays the foundation for Year 11 Graphics and future years and it is based on the year 9 Graphics course, though no previous experience is required to take this option, it is ideal as a continuation of 9 Graphics.

Graphics and design combines the important educational aspects of communication and creative problem solving. This course will give students the chance to develop their own solutions to realistic design problems through the application of a design process. They will also get the skills to precisely communicate their solutions, by applying a range of Graphics Modes;

- Free hand sketching
- Technical drawing
- Rendering
- Graphics softwares

It is directly related to the dramatic technological developments that have occurred in today's society, and involves fields such as;

- architecture
- environment
- engineering
- technological
- media
- packaging

This is a course with the emphasis placed on creativity and individual choice, developed to meet the needs of today's students and tomorrow's citizens.

The programme is developed around briefs that are based on realistic and thought provoking situations.

This course stimulates students' self confidence, self esteem and pride in achievement through enabling them to reach personal success.

Graphics 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 etc.

Students will have the opportunity to gain 6 credits in NCEA Level 1 towards Technology, Visual Arts, Graphics and Design.

Year 10 Mandarin

Year 10 Mandarin would be a new course in 2016. The introduction of this new course is conditional upon student numbers and staffing. We do want to measure student interest in this new option subject.

The Year 10 course covers language and culture; both modern and traditional aspects of China. Students will experience a variety of media, enhancing their learning through song and movement, digital resources, authentic Chinese items and traditional customs.

Students will learn:

- to confidently read and write
- to express personal information in more complicated formats
- to interact in conversations with their teacher and peers in Mandarin
- to use adjectives and other detail to describe objects and justify personal opinions
- to describe the world around them in more detail
- about selected aspects of Chinese culture, history and society
- appropriate Chinese etiquette

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 as well as song composition. The course will involve an NCEA unit based on digital aspects of music using programs such as MuseScore and Ardour. You also will have the opportunity to record one of your own songs. There will be an element of the theory of minor and major scales and the investigation of chords in a key.

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 Spanish

Spanish is one of the most widely spoken languages, there are more Spanish than English speakers in the world. There are over 350 million native speakers of Spanish in twenty two countries. The Year 10 Spanish course teaches not only a lively and expressive language, but a fascinating and different culture.

Students will have the opportunity to learn:

- to describe themselves and others.
- To describe places and other things.
- to use articles and adjectives applying correct grammar.
- to conjugate verbs with confidence.
- about Spanish and Latin american lifestyle, festivities and traditions.

Our Year 10 Spanish students learn through;

- videos and presentations
- our language softwares “Linguascope and Language Perfect”
- interacting within the class using their acquired, written, reading and speaking knowledge
- experiencing field trips where they will apply their conversational skills.
- being in contact through e-mails with Spanish speaking students, exchanging experiences and making friends overseas
- having an opportunity of gaining 4 credits for NCEA Level 1 and earning a Spanish Certificate in language competence from the Australian Council of Educational Research.

Learning Spanish will give students the possibility to understand other Latin based languages like Portuguese and Italian. Year 10 Spanish is a preparatory year to go further and study Spanish at a professional level giving you the chance of having a success.

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. There will be an opportunity to participate in an NCEA assessment and to prepare for option choices at Year 11.

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 Programming

This course will build on the programming skills developed in Year 9 Programming. Students will use a range of programming languages. Students will be challenged to develop their logical reasoning, systematic thinking, and problem-solving skills.

Students will undertake coding projects applied to real life applications and an interest in combining programming skills with electronics will be an advantage as students will have the opportunity to identify, design, test and develop technological solutions to real world issues, meeting stakeholders' specifications.

Students will have the opportunity to enter competitions applying their programming skills using Raspberry Pis and Arduinos.