



OTUMOETAI COLLEGE

OPTION SELECTION

Year 9 Students selecting for Year 10 in 2020

OPTION EXPLANATION AFTERNOON

Heads of Departments will be available to answer questions from parents and students on Monday 21 October 2019 in the Performing Arts Centre (PAC) between 3:30pm – 5.00pm

INTRODUCTION

The curriculum studied by Year 10 students at Otumoetai College is designed to promote a broad and balanced education.

ALL YEAR 10 STUDENTS WILL STUDY COURSES IN:

- English
- Mathematics
- Physical Education & Health
- Science
- Social Science

AND A SELECTION OF THE OPTIONS BELOW.

Students must choose at least one option from The Arts (full or half year), and at least one option from Technology (full or half year), to meet Ministry of Education regulations.

A full programme of options is either four half year options, OR two half year and one full year, OR two full year options.

The estimated costs associated with each course are included in this document. Approximate course costs cover materials that can be taken home.

THE ARTS	TECHNOLOGY	OTHER OPTIONS
CHOOSE AT LEAST ONE	CHOOSE AT LEAST ONE	
Art Practical (<i>full year or half year</i>)	Digital Media (<i>half year</i>)	Business (<i>half year</i>)
Dance (<i>half year</i>)	Digital Science (<i>half year</i>)	Spanish (<i>full year</i>)
Drama (<i>half year</i>)	Electronics (<i>half year</i>)	Te Ao Māori (<i>full year</i>)
Music (<i>full year or half year</i>)	Food Technology (<i>full year or half year</i>)	Te Reo Māori (<i>full year</i>)
	Graphics/DVC (<i>full year or half year</i>)	
	Hard Materials – Metal (<i>full year or half year</i>)	
	Hard Materials – Wood (<i>full year or half year</i>)	
	Soft Materials (<i>full year or half year</i>)	

Year 10 students need to select options that will equip them with the knowledge and skills to advance to a suitable programme in Year 11.

Please read this information carefully including the Subject Pathway Flowchart **on the back of the blue form "Year 9 Students Selecting for Year 10 in 2020."**

Deciding your course deserves careful thought and consultation. Make use of the people around the school like your Form Teacher, Deans, Careers and Pathways staff, Teachers, Heads of Department and Senior Management.

Your options will be checked to ensure satisfactory and appropriate choices are made.

THE ARTS

ART PRACTICAL – 10ART2 (Full Year Option)

Students will experience traditional and digital Art making processes. Various thematic ideas will be explored, e.g portrait, animals, fantasy, superheroes.

Each Art rotation will include drawing, painting, sculpture and a digital component. This course will prepare students for Level 1 Visual Art and for Level 2 pathways of Design, Painting and Photography.

Specialist Stationery Pack - **Approx. Cost \$50**

ART PRACTICAL – 10ART1 (Half Year Option)

Course description is the same as 10ART2, except students will complete a less comprehensive version as the full year.

This course will also prepare students for Level 1 Visual Art and for Level 2 pathways of Design, Painting and Photography.

Specialist Stationery Pack - **Approx. Cost \$25**

DANCE – 10DAN1 (Half Year Option)

This course focuses on safe Dance practices, choreography, Dance performance and the language of Dance.

An emphasis is placed on personal growth and teamwork which develop into self-confidence and the ability to communicate with others.

It is strongly recommended that students study Year 10 Dance if they wish to pursue the subject at NCEA Level 1.

ShowQuest is an optional opportunity, therefore students must be prepared to commit extra time when required. If students are participating in ShowQuest there is a \$30 course fee to cover entry costs.

No Cost - or \$30

DRAMA – 10DRM1 (Half Year Option)

This course will focus on the skills required to create effective Drama. Students will explore: improvisation, devised Drama, script work, movement and characterisation. This course also aims to widen students' knowledge of different styles, theatre forms and Drama terminology.

This course is designed for any student who enjoyed Drama in Year 9. An emphasis is placed on personal growth and teamwork which develops into self-confidence and the ability to communicate with others. The course provides students with performance opportunities and provides a valuable lead into all aspects of NCEA Level 1 Drama.

No Cost

MUSIC – 10MUS2 (Full Year Option)

This is a practical based course giving students the opportunity to build on principles learnt in Year 9 and to explore in greater depth the concepts of performance, composition and reading music. Students will play in a band or small group and musical theory is reinforced through practical sessions.

This course will provide students with an opportunity to explore a variety of instruments with a view to specialising on one instrument through senior school and NCEA.

Students selecting this subject must learn a musical instrument or voice either privately or through the College Itinerant system. Students will learn in small groups of similar ability from total beginners to experienced players. *Some instruments are available to hire – cost to hire is between \$100-\$150 per year.*

Approx. Cost \$25

MUSIC – 10MUS1 (Half Year Option)

A half-year course for students wanting to extend their ability in performance, composition and reading music. The course is suitable for students who are interested in learning an instrument. Students will play in a band or small group and musical theory is reinforced through practical sessions.

This course will provide students with an opportunity to explore a variety of instruments with a view to specialising on one instrument through senior school and NCEA.

Instrumental and vocal lessons are available at school. Students will learn in small groups and are grouped with others of similar ability from total beginners to experienced players. *Some instruments are available to hire – cost to hire is between \$100-\$150 per year.*

Approx. Cost \$25

TECHNOLOGY

DIGITAL MEDIA – 10DGM1 (Half Year Option)

In this course, students create an imaginary company and corporate promotions by creating a corporate identity, promotional animations, website & print media.

- Digital Media: Illustrator, Dreamweaver, Photoshop, Animate
- Digital Society : Research skills, Technological Process , Google Docs

This course leads to Year 11 Digital Media. Possible careers include: Digital Design and Advertising, Film, Multimedia, Animation, Visual Effects, Web Design & Illustration.

No Cost

DIGITAL SCIENCE – 10DGS1 (Half Year Option)

Students will learn about key computer science concepts that drive our technology hungry society:

- Computer Programming – learning the basic concepts of how to program

a computer to perform tasks. Using Python, a free to download and use programming language.

- Computer science – logic, binary, encryption, computer security, machine learning.
- Computational thinking – Algorithms, decomposition of complex tasks.
- Digital Infrastructure – how computer hardware stores and communicates data.

Completing this course will give students a great start for Year 11, 12 & 13 Digital Science.

Exciting careers are ahead as new technology opens up. Developing mobile applications, machine learning, using data to help in decision making and problem solving in many fields of society and business: Software developers, systems analysts, network architects, robotics, entertainment/game developers.

No Cost

TECHNOLOGY (Continued)

ELECTRONICS – 10ELC1 (Half Year Option)

This course investigates the use of a range of electronic components, including micro controllers, motors, ranging sensors, speech modules and remote controls. Students will work within the context of designing and building a Remote controlled vehicle and a Laser show.

This half year course will provide students with a very good foundation for Electronics Technology in Years 11, 12 and 13.

This subject could lead to careers such as: Electrical, Electronics, Mechatronics, Bio-electronics and Industrial Design.

The following skills will be developed:

- Understanding of electronic concepts
- Understanding of electronic components
- Basic programming skills
- Use of the Technology process
- Design and construction of electronic systems

This half year course will also provide students with a very good foundation for Technology in Years 11, 12 and 13.

Approx. Cost \$50

GRAPHICS (Design & Visual Communication) – 10GRA2 (Full Year Option)

Graphics students will work within a broad range of stimulating design contexts. The following skills will be developed:

- Three dimensional design
- CAD computer drawing (free software available for student home use)
- High quality presentation and pride in work
- Technical drawing and freehand sketching

This subject could lead to careers in: Product design / 3D Printing / Computer aided design (CAD), Engineering / Computer aided Manufacturing (CNC), Architecture, Advertising, Landscape design, Interior design & the many skilled trades.

The full year course will provide students with an excellent foundation for Graphics in Years 11, 12 and 13.

Approx. Cost \$20

GRAPHICS (Design & Visual Communication) – 10GRA1 (Half Year Option)

Course description is the same as 10GRA2, except a half year.

Approx. Cost \$15

TECHNOLOGY FOOD – 10TEF2 (Full Year Option)

This course covers aspects of the NZ Curriculum in Technology through the use of authentic problem solving. Technology Food investigates the use of a range of ingredients and students have an element of freedom when designing the concept ideas that they will produce.

This assists students in making informed decisions about their own and others food choices and developing a product based on the needs of a client.

This course will provide students with a very good foundation for Years 11, 12 and 13 Technology Food and/or Hospitality. Students wishing to experience Food Technology as well as other half year Technology courses may select to do so.

The following skills will be gained: use of the technology process, design and research skills, production of client based concepts, technical cookery skills.

This subject could lead to careers in: Food Technology, Culinary Arts, Baking and Patisserie, Chef/Barista, Food based careers and applicable trades. *(If time permits, students may be able to achieve 4 credits at NCEA Level 1 through the completion of two unit standards during class time.)*

Approx. Cost \$120

TECHNOLOGY FOOD – 10TEF1 (Half Year Option)

Course description is the same as 10TEF2, except a half year. *(Except time will not permit to achieve credits at NCEA Level 1).*

Approx. Cost \$60

TECHNOLOGY METAL – 10TEM2 (Full Year Option)

This course will use the Technology Process and a range of hard materials. Students will work within the contexts of an electronics project and a major design project.

The following tools will be used: Hand tools for measuring, marking out & cutting, Metal lathes, MIG welding, Mill, Cut-off saw, Grinders & Forge.

This subject could lead to careers in Industrial/Product design, Engineering & Metal based careers and applicable trades. Materials used will include steel, acrylic, sheet metal, electronic components, and aluminium.

The full year course will provide students with an excellent foundation for Technology in Years 11, 12 and 13.

Approx. Cost \$70

TECHNOLOGY METAL – 10TEM1 (Half Year Option)

This course will use the Technology Process and a range of hard materials. Students will work within the context of a selection of multi material design projects.

The following tools will be used: A wide range of hand tools for measuring, marking out & cutting, Metal lathes, MIG welding, Mill & portable electric tools. Materials used will include steel, acrylic, sheet metal and electronic components.

This half year course will also provide students with a very good foundation for Technology in Years 11, 12 and 13. Students wishing to experience both Metal and Wood based half year courses may select to do so. A combination of a full year in one and a half year in another is also possible.

Approx. Cost \$50

TECHNOLOGY SOFT MATERIALS (TEXTILES) – 10TES2 (Full Year Option)

This course investigates the use of a range of fabrics and techniques where students have an element of freedom when designing the concept ideas for the items/garments that they will produce.

Technology Soft Materials also gives students the opportunity to experience and enter into various secondary school competitions where they showcase their talent.

This course will also provide students with a very good foundation for Years 11, 12 and 13 Technology Soft Materials and/or Fashion and Design. Students wishing to experience Technology Soft Materials as well as other Technology courses may select to do so.

TECHNOLOGY (Continued)

This subject could lead to careers in: Fashion designer, Pattern maker, Interior designer, Fashion buyer, Retail manager, Retail merchandiser, Textile designer, Visual merchandiser, Fashion design director, Merchandise manager, Fashion & Design teacher. *(If time permits, students may be able to achieve 6 credits at NCEA Level 1 Soft Materials Technology through the completion of an Achievement Standard during class time).*

Approx. Cost \$45

TECHNOLOGY SOFT MATERIALS (TEXTILES)

– 10TES1 (Half Year Option)

Course description is the same as 10TEF2, except a half year. *(Except time will not permit to achieve credits at NCEA Level 1).*

Approx. Cost \$30

TECHNOLOGY WOOD – 10TEW2 (Full Year Option)

This course investigates the use of a range of hard materials in the context of designing several personal projects. Students multi material design projects will be primarily based around the use of wood and acrylic.

The following tools will be used: hand tools for measuring, marking out & cutting, band saws and scroll saws, wood lathes, flatbed sander, thicknesser, portable electric drills, routers and biscuit cutters.

This subject could lead to careers in Industrial/Product design, Engineering, Wood based careers and applicable trades, Interior Design & Stage and set production.

Materials used may include modified pine, macrocarpa, plywood, MDF customwood, acrylic, finishing products & consumables.

The course will provide students with an excellent foundation for Technology in Years 11, 12 and 13.

Note: Although it is possible to select more than one Technology course, they cannot both be based on using the same material; e.g., selecting both a full year Wood, and a half year Wood course.

Approx. Cost \$70

TECHNOLOGY WOOD – 10TEW1 (Half Year Option)

Course description is the same as 10TEW2, except a half year.

This half year course will also provide students with a very good foundation for Technology in Years 11, 12 and 13.

Students wishing to experience both Wood and Metal based half year courses may select to do so. A combination of a full year in one and a half year in another is also possible.

Approx. Cost \$50

OTHER OPTIONS

BUSINESS – 10BUS1 (Half Year Option)

Business introduces students to the basic concepts of Enterprise, Entrepreneurship, Economics, Finance/Accounting, Financial Capabilities, Innovation and Global Business.

Students have the opportunity to set up and run a small business for Market Day. During this process students gain skills in teamwork, communication, planning, decision making, cooperation, goal setting and interpersonal skills. Capital will be required to set up the small Market Day activity (not usually a large amount).

This course leads to NCEA Business Management and/or NCEA Accounting for Management. There are numerous career opportunities that Business Management can lead to such as a Marketing Manager, HR Manager, Event Planner, Project Manager, Accountant, Business Advisor - every career involves Business knowledge.

No Cost

SPANISH – 10SPAN (Full Year Option)

This full year course starts by teaching students language for surviving on the ground in a Spanish speaking country (Levels 3-4 of the NZ Spanish Curriculum), such as asking for directions and ordering food. Then, it moves on to language for social competence (Levels 5-6 of the NZ Spanish Curriculum), for example expressing and justify basic opinions and describing past events.

It will equip motivated students with all the tools necessary to achieve with Merit and Excellence at NCEA Level 1. Furthermore, in the second half of the year students will be able to gain four Level 1 credits in the spoken presentation standard. Moreover, it will improve students understanding of the English language.

Students will also have the opportunity to investigate aspects of Hispanic

culture that interest them. For example, Picasso, the Aztecs, Argentine Rugby, Real Madrid vs Barcelona FC, the Salsa or Tango, Paella and Churros. Students studying Spanish will be eligible to take part in the Biannual Spanish trip that goes to Barcelona and Southern Spain.

Spanish could lead to careers in international business and marketing, interpretation and translation, the travel and tourism industry & communications.

No Cost

TE AO MĀORI – 10TEAO (Full Year Option)

Themes included in this course are Tāonga Pūoro (Māori instruments), Te Whare Pura (weaving/harakeke), Manaki Marae (catering on the marae), Maurākau (Māori martial art), Seafood Māori (gathering and preparation for consumption).

This is a full year Unit Standard course focused on learning about aspects of the Māori world other than learning specifically about te reo Maori, tikanga, or Māori performing arts.

No Cost

TE REO MĀORI – 10MAOR (Full Year Option)

This is a full year course which leads on to NCEA Level 1 Te Reo Māori, Tikanga and/or Maori Performing Arts, and then onto study at Years 12 and 13.

Students will learn about marae protocol, waiata, haka and karakia, how to talk about themselves and their family, and how to talk about school. The course trains students in the communication skills of listening, speaking, reading and writing.

This is not a beginners course. Students with prior language learning may be accepted into the course with the approval of the HOD.

No Cost