



**OTUMOETAI COLLEGE**

**2012**

**SUBJECT PLANNING**

FOR

**YEAR 10**

**NAME:** .....

**FORM:** .....

# **OPTION EXPLANATION AFTERNOON 2011**

*Where all option Heads of Departments will explain courses  
and be available to answer questions*

## **Monday 31<sup>st</sup> October 2011**

### **Performing Arts Centre (PAC)**

## **4-6pm**

**Year 10 Subject Fees have not yet been finalised.  
Students will be invoiced for their subject fees in 2012.**

#### **OPTION CHOICES**

**All Option Courses are either for the full year for 3 periods a week,  
or for six months for 3 periods a week.**

# 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:

### Compulsory Courses:

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

### Optional Courses:

Plus a selection of the following, amounting to two full year equivalent courses. To fit with Ministry of Education regulations, the only restriction is that students must choose at least one course (full or half year) from both Columns One and Two.

COLUMN ONE - ARTS	COLUMN TWO - TECHNOLOGY	OTHER COURSES BEING OFFERED:
Drama ** Music * Visual Arts *	Food & Nutrition * Hard Materials – Metal * Hard Materials – Wood * Soft Materials * Digital Media** Digital Science* Graphics & Design*	Spanish Japanese Te Reo Maori Business **

\* Available as full year or half year courses

\*\* Available as half year course only

Subjects without an asterisk are available as full year course only

Year 10 students **must ensure they have selected courses that will equip them with the knowledge and skills to advance to a suitable programme in Year 11.** It is recommended but not essential that Year 10 students select full year courses in those subjects they are likely to want to study for NCEA Level 1. HOD's will talk to students about the possible advantages or disadvantages of half year courses.

Each student must select a Reserve Subject which will only be selected in the event of timetabling difficulties.

Please ensure that the booklet is carefully read, with particular emphasis on the subject pathway flowchart.

Deciding your course deserves careful thought and consultation. Make use of the resource people around the school eg your Deans, Careers and Transition staff, Teachers, Heads of Department and Senior Management. Your options will be checked to ensure satisfactory and appropriate choices are made.

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# **Business / Digital Technology [Computing]**

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**Business**  
**Digital Science [1yr]**  
**Digital Science [½ yr]**  
**Digital Media [½ yr]**

**BUSINESS – CODE: 10BUS2****(HALF YEAR COURSE)**

This course introduces small business to the students. They get to set up and run a small business at market day. Students get to develop an understanding of basic economic ideas through the study of people and their activities in small and large enterprises in their own community. Students get to apply their literacy, numeracy, technological and social skills in a business setting. There is a brief introduction to the accounting necessary to operate a small business.

DETAILS	APPROX. COST
Capital will be required to set up the small Market Day activity (not usually a large amount)	
Consumables including paper above the initial student paper allowance	\$10.00

**DIGITAL SCIENCE [COMPUTING] – CODE: 10DGS1****(ONE YEAR COURSE)**

Leads to Yr 11 Digital Science and Digital Media

Note: both these courses at Year 11 are now full achievement standards based, enabling students to gain merits and excellence.

## Course Description

*Students will look at:-*

- Digital infrastructures - how a computer works
- Introduction to programming – Web- HTML – Scratch – Python – Algorithms
- Business technology – spreadsheets – data bases
- Digital media – Desk Top Publishing – movies – Flash – graphics
- Digital society – research skills – Technological Process – Content Management systems – Knowledge Net – Web 2.0 tools

Students are encouraged to learn to use the computer as a tool to aid in all aspects of their learning. Students will have access to a variety of computer applications including Photoshop, Flash, iMovie, Dreamweaver, Scratch, Illustrator, etc.

Costs for course materials that will be taken home or consumed:

DETAILS	APPROX. COST
Consumables including paper above the initial student paper allowance.	\$25.00

Students are recommended to purchase a clear file or re-use an old clear file.

Leads to Yr 11 Digital Science and Digital Media

Note - both these courses at Year 11 are now full achievement standards based enabling students to gain merits and excellence.

#### Course Description

##### *Students will look at :*

In the half year course students will focus more narrowly than the one year course. A theme based on the running a computer shop and following good technological practice will be used.

- Digital infrastructures - how a computer works
- Introduction to programming – Web- HTML – Scratch – Python – Algorithms
- Business technology – spreadsheets – data bases
- Digital media – Desk Top Publishing – movies – Flash – graphics
- Digital society – research skills – Technological Process – Content Management systems – Knowledge Net – Web 2.0 tools

Students are encouraged to learn to use the computer as a tool to aid in all aspects of their learning. Students will have access to a variety of computer applications including Photoshop, Flash, iMovie, Dreamweaver, Scratch, Illustrator, etc.

Costs for course materials that will be taken home or consumed:

<b>DETAILS</b>	<b>APPROX. COST</b>
Consumables including paper above the initial student paper allowance	\$15.00

Students are recommended to purchase a clear file or re-use an old clear file.

Leads to Yr 11 Digital Science and Digital Media

Note - both these courses at Year 11 are now full achievement standards based, enabling students to gain merits and excellence.

#### Course Description

*Students will look at :*

In the half year course students will focus more narrowly than the one year course. A theme based on the running a business and following good technological practice will be used.

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Costs for course materials that will be taken home or consumed:

<b>DETAILS</b>	<b>APPROX. COST</b>
Consumables including paper above the initial student paper allowance	\$15.00

Students are recommended to purchase a clear file or re-use an old clear file.

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# **Creative Arts**

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**Visual Art**

**Drama**

**Music**

**ART – CODE: 10ART1****(FULL YEAR COURSE)**

This course is designed to extend the students' artistic skills and perceptual awareness by addressing conceptual, compositional and technical elements. This course provides the students with a sound foundation for NCEA LEVEL 1 ART. This course is a prerequisite for the NCEA Art courses.

Costs for course materials that will be taken home or consumed:

<b>DETAILS</b>	<b>APPROX. COST</b>
<b>Consumables:</b> Clear file, cartridge pad, 3B pencils, pastels, acrylic paints brushes, Folio Board (A1) Sculpture Materials, Clay	\$60.00

**ART – CODE: 10ART2****(HALF YEAR COURSE)**

This course is designed to extend the students' artistic skills and perceptual awareness by addressing conceptual, compositional and technical elements. Students who take this course are eligible to go through to NCEA LEVEL 1 ART.

Costs for course materials that will be taken home or consumed:

<b>DETAILS</b>	<b>APPROX. COST</b>
<b>Consumables:</b> Clear file, cartridge pad, 3B pencils, pastels, acrylic paints brushes, Sculpture Materials, Clay	\$50.00

**DRAMA/PERFORMING ARTS – CODE: 10DRM1****(FULL YEAR COURSE)**

This course is designed for those students who are passionate about Drama and Performing Arts.

The course aims to benefit students in two ways. Firstly an emphasis is placed on personal growth and teamwork which develop into self confidence and the ability to communicate with others. Secondly the course provides a valuable lead into all aspects of NCEA Level 1 Drama and NCEA Level 1 Performing Arts in Year 11. The extension activities offered in this full year course will enable students to make a smoother transition into Level 1 work.

It is strongly recommended that students study Year 10 Drama (full or half year) if they wish to pursue the subject at NCEA.

Half of the course will focus on the skills required to create effective Drama. Students will explore improvisation, devised Drama, script work, characterisation and script writing. It also aims to widen students' knowledge of different styles, theatre forms and Drama terminology. The ability to reflect on and evaluate good practice is also encouraged. The other half of the course focuses on Dance, singing and back stage roles within the Performing Arts. Students will learn about safe dance practices, choreography, Dance performance, production technologies and vocal skills.

Students will be participating in the RAW division of Stage Challenge, (competition at Baycourt Theatre), therefore students must be prepared to commit extra time when required. There is a \$20 course fee to cover costs for this event.

**DRAMA – CODE: 10DRM2****(HALF YEAR COURSE)**

This course is designed for any student who enjoyed Drama in Year 9. It aims to benefit students in two ways. Firstly an emphasis is placed on personal growth and teamwork which develop into self-confidence and the ability to communicate with others. Secondly the course provides students with performance opportunities. It is strongly recommended that students study Year 10 Drama if they wish to pursue the subject at NCEA.

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

**MUSIC – CODE: 10MUS1****(FULL YEAR)**

This course is an opportunity for students who have enjoyed music at Year 9 to explore the concepts of performance, composition and reading music. Part of the course will require that students play in a band or other musical combo and prepare music videos. It is highly recommended that students study Year 10 music if they are planning on pursuing either Contemporary Music or Music Studies at Year 11.

All students taking this subject must be learning a musical instrument or voice in 2011. Participation in school groups and performance activities during the year is strongly encouraged. Instrumental / vocal lessons are available at school in small group lessons, at a cost of \$25 for the year. However we can recommend lessons beyond the College where necessary.

DETAILS	APPROX. COST
<b>Consumables:</b> Music Manual	\$15.00
<b>Administration Fee:</b> For Itinerant Lessons	\$25.00

**MUSIC – CODE: 10MUS2 / \*10MUE2****(HALF YEAR COURSE)**

This course is designed for students who want to extend their interest in performance, composition and how to read music. It is suitable for any student who enjoyed Music in Year 9, and learning an instrument or taking singing lessons for at least a year. Part of this course requires that students will play in a band or musical combo.

Students will either learn an instrument or take singing lessons as part of the course, and participation in school groups and performance activities during the year is strongly encouraged.

Year 10's taking this subject are provided with instrument music lessons by the school.

\* Enrichment classes will be offered subject to numbers of students and timetabling.

DETAILS	APPROX. COST
<b>Consumables:</b> Music Manual	\$15.00
<b>Administration Fee: For Itinerant Lessons</b>	\$25.00

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# Languages

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Japanese  
Spanish  
Te Reo Maori

**JAPANESE – CODE: 10JAPA****(FULL YEAR COURSE)**

This full year course is designed to develop a student’s ability to cope with a variety of routine situations when talking to Japanese speakers. The topics studied will include such things as home and school routines, clothes, shopping for food, getting around a town or city and sports. Students will also learn how to read and write simple notes and short letters, and fill out simple forms. This course leads on to NCEA Level 1 Japanese. This is **NOT** a beginners course. Students with no prior language learning may be accepted into the course with the approval of the HOD.

DETAILS	APPROX. COST
<b>Consumables:</b> Activity Book	\$22.00
Language Perfect Website	\$15.00

**SPANISH - CODE: 10SPAN****(FULL YEAR COURSE)**

This full year course is designed to equip students with enough language skills to communicate in a variety of routine situations when talking to native Spanish speakers. Students will be completing tasks to help raise their cultural awareness of Spain and Spanish speaking countries. They will investigate a particular region of Spain and become more familiar with Spanish speaking celebrities.

This course will lead on to NCEA Level 1 Spanish. Students with no prior knowledge of this subject may be accepted into the course with the approval of the Head of Department.

DETAILS	APPROX. COST
Student Activity Booklet	\$10.00
Language Perfect Website	\$15.00

**TE REO MAORI – CODE: 10MAOR****(FULL YEAR COURSE)**

This is a full year course which can lead on to NCEA Level 1 qualification, and onto study at Year 12 and 13. The topics at Level One in the National Te Reo Maori Syllabus are completed and the rest of the year concentrates on topics from Level Two. Amongst other things, students learn about Marae protocol, meetings, 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.

DETAILS	APPROX. COST
Student Activity Booklet	\$14.00
Course Fee – Language Perfect Te Reo Maori	\$10.00

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# **Technology**

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**Graphics & Design**  
**Hard Materials – Metal**  
**Food, Nutrition & Health**  
**Soft Materials**

**GRAPHICS (DESIGN & VISUAL COMMUNICATION) – CODE: 10GRA1****(FULL YEAR COURSE)**

Graphics students will work within a broad range of stimulating design contexts.

The following skills will be gained:

- Three dimensional design
- C.A.D computer drawing (free software available for student home use)
- Technical drawing
- Freehand sketching
- High quality presentation and pride in work

This University approved subject could lead to careers in:

- Product design
- Architecture
- Advertising
- Engineering
- Landscape design
- Interior design
- and the many skilled trades

The full year course will provide students with an excellent foundation for Graphics in Years 11, 12 and 13, allowing them to experience the subject in greater depth than the half year course.

Costs for course materials that will be taken home or consumed:

DETAILS	APPROX. COST
<b>Consumables:</b> Paper and Toner	\$20.00

**GRAPHICS (DESIGN & VISUAL COMMUNICATION) – CODE: 10GRA2****(HALF YEAR COURSE)**

Graphics students will work within a range of stimulating design contexts.

The following skills will be gained:

- Three dimensional design
- C.A.D computer drawing (free software available for student home use)
- Technical drawing
- Freehand sketching
- High quality presentation and pride in work

This University approved subject could lead to careers in:

- Product design
- Architecture
- Advertising
- Engineering
- Landscape design
- Interior design
- and the many skilled trades

Students who successfully complete this course would be encouraged to continue with Graphics at Years 11, 12 and 13.

Costs for course materials that will be taken home or consumed:

DETAILS	APPROX. COST
<b>Consumables:</b> Paper and Toner	\$15.00

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

The following skills will be gained

- Use of Technology process
- Achieving high quality finish
- Design and research

The following tools will be used:

- A wide range of hand tools for measuring, marking out and cutting
- Metal lathes
- MIG welding
- Mill
- Cut off saw
- Grinders
- Forge

This University approved subject could lead to careers in:

- Industrial/Product design
- Engineering
- Metal based careers and applicable trades

Materials used will include:

- Steel
- Acrylic
- Sheet metal
- Electronics components
- Aluminium

The full year course will provide students with an excellent foundation for Technology in Years 11, 12 and 13, allowing them to experience the subject in greater depth than a half year course. It is recommended for those students who intend to go on to Year 11 Technology the following year.

Costs for course materials that will be taken home or consumed:

<b>DETAILS</b>	<b>APPROX. COST</b>
<b>Consumables:</b> Steel, gas, wood, paints, electronic components, other project materials	\$50.00

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

The following skills will be gained

- Use of Technology process
- Achieving high quality finish
- Design and research

The following tools will be used:

- A wide range of hand tools for measuring, marking out and cutting
- Band saw and scroll saws
- Wood lathes
- Drill presses
- Flat bed sander
- Portable electric drills, routers and biscuit cutters
- Thicknesser

This **University approved subject** could lead to careers in:

- Industrial/Product design
- Engineering
- Wood based careers and applicable trades

Materials used will include:

- Modified Pine
- Macrocapa
- Plywood
- MDF Customwood
- Acrylic

The full year course will provide students with an excellent foundation for Technology in Years 11, 12 and 13, allowing them to experience the subject in greater depth than a half year course. It is recommended for those students who intend to go on to Year 11 Technology the following year.

Costs for course materials that will be taken home or consumed:

<b>DETAILS</b>	<b>APPROX. COST</b>
<b>Consumables:</b> Wood, paints, electronic components, other project materials	\$50.00

This course investigates the use of a range of hard materials with a focus on either wood or metal, electronics and plastics. Students will create and evaluate a product based on their own designs. Students who select this course may still select the NCEA course in years 11, 12 and 13.

The following skills will be gained

- Use of Technology process
- Achieving high quality finish
- Design and research

The following tools will be used:

- A wide range of hand tools for measuring, marking out and cutting
- Equipment used will be dependent on whether they are timetabled into a predominately Wood or Metal based workshop.

This University approved subject could lead to careers in:

- Industrial/Product design
- Engineering
- Metal based careers and applicable trades

Materials used will include:

- Acrylic
- Electronics components
- Either the Wood or Metal based materials.

The half year course will also provide students with a very good foundation for Technology in Years 11, 12 and 13, although only the students in full year courses are able to request whether their preference is predominately Wood or Metal based. Students wishing to experience both of the Wood and Metal based courses may also select a half year course in addition to a full year course.

Costs for course materials that will be taken home or consumed:

DETAILS	APPROX. COST
<b>Consumables:</b> Wood, metal, electronic components, other project materials	\$30.00

**TECHNOLOGY FOOD NUTRITION AND HEALTH - CODE: 10TEFN (FULL YEAR COURSE)**

This full year course covers aspects of the N.Z. Curriculum in Food and Nutrition, Food Technology from both the NZ Technology curriculum and the N. Z Health curriculum. Food technology allows students to investigate the properties of ingredients and develop their own products. Food and Nutrition assists students in making informed decisions about their own and others food choices and physical wellbeing. A HETTANZ National Certificate is offered during this course in Food and Nutrition – at an approximate cost of \$15. This course leads on to NCEA Level 1 Food & Nutrition and/or Food Technology and/or L1 Hospitality.

Costs for course materials that will be taken home or consumed:

DETAILS	APPROX. COST
<b>Consumables:</b> Food supplies	\$120.00

**NB:** This course may be enhanced by entering for one or more HETTANZ National Certificates as mentioned above at an approximate cost of \$18 each.

**TECHNOLOGY FOOD NUTRITION AND HEALTH - CODE: 10TEF2 (HALF YEAR COURSE)**

This half year course covers aspects of the N.Z. Curriculum in Food, Nutrition, Technology and Health (refer TEFN for explanations of these). This course can be considered as a pre-requisite for Year 11 NCEA Food Technology and/or L1 Hospitality.

Costs for course materials that will be taken home or consumed:

DETAILS	APPROX. COST
<b>Consumables:</b> Food supplies	\$60.00

**NB:** This course may be enhanced by entering one HETTANZ National Certificate as mentioned above at an approximate cost of \$15.

**TECHNOLOGY SOFT MATERIALS - CODE: 10TESM (FULL YEAR COURSE)**

This course covers aspects of the full year course in Soft Materials Technology. It investigates the suitability and use of soft materials and takes students through a textiles technology project in preparation for Year 11. Additional costs will be required on an individual basis for patterns, fabric, etc.

Costs for course materials that will be taken home or consumed:

DETAILS	APPROX. COST
<b>Consumables:</b> Interfacing, fabric paints, glues, dyes, etc.	\$30.00
Photocopying and enlarging individual student's design brief requirements. Paper and toner.	\$ 5.00
Additional Costs: individual patterns, fabrics, notions, etc. throughout the year.	

This course covers aspects of the full year course in Soft Materials Technology. It investigates the suitability and use of soft materials and takes students through a textiles technology project in preparation for Year 11. Additional costs will be required on an individual basis for patterns, fabric, etc.

Costs for course materials that will be taken home or consumed:

<b>DETAILS</b>	<b>APPROX. COST</b>
<b>Consumables:</b> Interfacing, fabric paints, glues, dyes, etc.	\$20.00
Photocopying and enlarging individual student's design brief requirements. Paper and toner.	\$ 5.00
Additional Costs: individual patterns, fabrics, notions, etc. throughout the year.	

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# Special Needs Unit

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## Supported Learning Units

### SPECIAL NEEDS UNIT - SUPPORTED LEARNING UNITS

These are designed for students who require some form of support with their learning, either through additional resources, specialised equipment, or adapted teaching programmes.

FOOD AND NUTRITION – DETAILS	APPROX. COST
<b>Consumables:</b> Food Supplies	\$25.00

# SUBJECT PATHWAY

YEAR 9	YEAR 10	YEAR 11	YEAR 12	YEAR 13	
Visual Art (1 term)	Art (1 yr or 6 mths)	Visual Art	Art Exploration Art Design Photography	Painting Art Design Photography Art History	CREATIVE ARTS
Drama (1 term)	Drama (6 months) Drama/Performing Arts (12months)	Drama Performing Arts	Drama Performing Arts	Drama Performing Arts	
Music (1 term)	Music ( 1 yr or 6 months)	Music Studies Musicianship Contemporary Music	Music Studies Musicianship Contemporary Music	Music Studies Making Music	
Digital Business (1 term)	Digital Media (1yr or 6mths) Digital Science (1yr or 6mths)	Digital Media Digital Science Computer Skills Computing (Nat.Cert) Office Accounting	Digital Media Digital Science Computer Media Computing (Nat.Cert) Office Accounting	Digital Science / Media Computer Media Computing (Nat.Cert) Office Accounting	BUSINESS
Digital Business (1 term)	Business (6 months)	Business Personal Finance	Business Personal Finance	Business Personal Finance	
		Employment Skills	Employment Skills	Directions Gateway Programme	
			Gateway Class		
English	English	English English / Literacy Media Studies International English	English English Media Studies International English	English English / Literacy English / University Ent Media Studies	ENGLISH
Spanish (1 term) Maori (6 mths or Full-Yr) Japanese (1 term)	Spanish Maori Japanese	Spanish Te Reo Maori Japanese	Spanish Te Reo Maori Japanese	Spanish Te Reo Maori / Te Reo Rangitira Japanese	LANGUAGES
Mathematics	Mathematics	Mathematics Maths Modular Maths Alternate 1	Mathematics Maths - Statistics Maths Modular Maths Alternate 2	Maths and Calculus Maths – Statistics A&B	MATHEMATICS
Physical Education / Health	PE / Health	PE / Health Physical Education Sports Science	Health Practical PE Outdoor Education Sports Science	Health Outdoor Education Sports Science Elite Sports Programme	PHYSICAL EDUCATION HEALTH
Science	Science	Science Applied Horticulture Industry Based Horticulture NCEA	Science Chemistry Physics Biology Marine Studies Horticulture (Practical)	Science Chemistry Physics Biology Marine Studies	SCIENCE
Social Studies	Social Studies	Economics Geography History Social Science	Economics Geography History Classical Studies Sociology Tourism & Travel	Economics Geography History Classical Studies Sociology Tourism & Travel	SOCIAL STUDIES
Food/Nutrition & Soft Materials (1 term)	Tech Food / Nutrition (Full Yr) Tech Food / Nutrition (Half Yr) Tech Soft Materials (Full Yr) Tech Soft Materials (Half Yr)	Food Technology Hospitality Tech Soft Materials	Food Technology Hospitality Tech Soft Materials Fashion & Design Early Childhood Studies	Hospitality Tech Soft Materials Fashion & Design Early Childhood Studies	TECHNOLOGY SOFT MATERIALS
Hard Materials (1 term)	Technology Hard Materials Wood/Metal (Half or Full Yr)	Technology Wood Technology Metal Mechanical Engineering Building, Construction & Allied Trades Electronics	Technology Wood Technology Metal Mechanical Engineering Building, Construction & Allied Trades Automotive Studies Electronics	Technology Product Development Design – Metal or Wood Technical Skills Electronics	TECHNOLOGY HARD MATERIALS
Graphics and Design (1 term)	Graphics (6 months or Full Year)	Graphics	Graphics	Graphics	

Year 10 courses are full year, unless otherwise indicated.