Year 10 - 2015
Subject Selection
Year Level Coordinator
English
The Arts
THE ARTS

Year 10
Subject Selection
THE ARTS

The arts subjects develop individuals critical thinking skills and their ability to problem solve. Drama, Music and Visual Art disciplines are useful for careers in the performing arts, design and fine arts and their associated industries.
DRAMA

Electives
This course examines performance development and involves sophisticated character work.

Students write their own scripts, design and implement stagecraft, and undertake directing activities for the production of a play for the Year 10 Drama Festival.

This course caters for individual student needs through the presentation of an individual or group performance task.

Students will visit a professional theatre visit for analysis.

Skills gained in this course include acting and stagecraft techniques.
Unit 1 Drama: Dramatic Storytelling
Unit 2 Drama: Non-Naturalistic Australian Drama

VCE Drama is primarily concerned with improvised and student-written drama works, with a minor emphasis on areas of stagecraft (properties and costume).

Various Western 20th century non-naturalistic theatre styles are examined in order to inform students’ drama material for presentation.
MUSIC

Electives
Music Performance
MUSIC PERFORMANCE

This course is designed to provide students with an intense performance experience. On a chosen instrument or voice, students perform each week in a solo or group context. The course also develops skills in practising effectively, overcoming nerves and analysing and appreciating music.

This unit is preparation for those considering VCE Music. It is highly recommended that students selecting this course either have the intention to learn or are currently learning with an instrumental or singing teacher. A commitment to regular practice and willingness to be involved in Music Ensembles and events throughout the semester is also expected.
Music Songwriting
This unit focuses on the processes involved in writing a collection of original songs.

Starting from the lyrics, through to the production of sheet music and finally a professional studio recording of the original songs.

Students compose and record three original songs in a group, or as a solo artist. They work with music notation software (Sibelius) on IMAC computers to create sheet music and also learn how to create backing tracks for their songs using Garage Band.
VISUAL ARTS

Electives
Studio Arts - photography
STUDIO ARTS
PHOTOGRAPHY

This subject aims to encourage students to:

develop an ability to interpret, analyse and compare different kinds of images and objects.

To introduce students to the art of photography

To teach the skills of producing black & white photographs using analogue processes (darkroom techniques)

To teach the skills of producing photographic images using digital processes (laptop/computer programs)
Studio Arts 2D
STUDIO ARTS

2D
Painting, Drawing and Printmaking

This semester unit encourages students to design and create original artworks devised from a range of stimuli.

The development of drawing skills is a focus in each unit, with a variety of techniques and materials explored.

Students research and discuss a range of historical and contemporary art styles, presenting informed responses in written and visual formats.
This course investigates the use of a range of materials such as clay, wire, paper and fibre both natural and synthetic which can be used to create three-dimensional artworks. This subject is unique in the materials it offers students to explore, giving them a new and exciting experience in creating sculptural art works and site specific group work.

This subject creates a pathway leading into either Studio Arts Unit 1 and 2, Visual Communication Design Unit 1 and 2 or Design
Visual Communication Design
This subject aims to develop students’ skills in the following:

- Rendering media and techniques
- Design elements and principles, composition and layout
- 2D and 3D Technical drawing
- Product design and development
- Computer graphics – drawing and image manipulation using Adobe Photoshop and Illustrator software programs
- Exploring and analysing the aesthetic qualities of visual imagery and the impact of technology on this art form
VCE Studio Arts (painting & drawing)
Units 1 & 2
VCE STUDIO ARTS

Unit 1: Artistic Ideas & Inspiration
Students learn to develop their own art ideas and explore different materials and techniques. They source ideas and inspiration and use a variety of methods to translate these into visual form. Students also research and discuss how artists from different times and cultures have interpreted sources of inspiration and used materials and techniques in the production of artworks.

Unit 2: Design Exploration and Concepts
Students undertake an individual design exploration and complete visual research in order to produce a variety of design explorations and a number of artworks. They research and explore ideas and styles in artworks and draw on knowledge and related skills from artists from different times and locations.
VCE Visual Communication Design
Units 1 & 2
Unit 1: Introduction to Visual Communication Design

This subject is for those students who want to explore ideas and creative thinking through the use of a visual language. It develops skills in planning, designing, experimenting and exploring visual options.

Unit 2: Applications of visual communication design

This area of study focuses on the acquisition and application of presentation drawing skills that incorporate the use of technical drawing conventions. These drawings present information and ideas associated with a specific design field.
Science
Students must choose a minimum of two semester units.
Year 10 Science Pathways

Year 10
- Forensic Science + Environmental Science
- 10 Physics + Environmental Science
- 10 Chemistry + Forensic Science
- 10 Chemistry + 10 Physics

Year 11
- VCE AgHort Units 1 & 2
- VCE Biology Units 1 & 2
- VCE Chemistry Units 1 & 2
- VCE Physics Units 1 & 2
- VCE Psychology Units 1 & 2

Other combinations are possible, e.g.
- Environmental Science + Genetics & Evolution
- Forensic Science + 10 AgHort
Other combinations are possible, e.g.

- Environmental Science + Genetics & Evolution
- Forensic Science + 10 AgHort
- Any combination of Science units

Combinations involving acceleration (VCE units), e.g.

- Year 10:
  - Forensic Science + VCE AgHort Unit 1
  - Forensic Science + VCE Biology Unit 1

- Year 11:
  - VCE AgHort Units 3 & 4
  - VCE Biology Units 1 & 2
  - VCE Physics Units 1 & 2
  - VCE Psychology Units 1 & 2
Forensic Science

Forensic techniques
Genetics & DNA
Physics of Motion & Car Crashes

not to be taken with either
Physics or Genetics and Evolution
Forensic Science Pathways

Forensic Science can lead into VCE Biology or Physics, but can also be followed by Psychology and AgHort

*not to be taken with either Physics or Genetics and Evolution*
Environmental Science

Chemical Reactions
Ecology
Earth Science

not to be taken with Chemistry
Environmental Science Pathways

Environmental Science can lead into VCE Chemistry but can also be followed by Biology, Psychology and AgHort.

not to be taken with Chemistry
Specialist Science Units

Recommended for increased depth and intensive preparation for Units 1 & 2 VCE Science Units in Biology, Chemistry and Physics
Recommended for VCE Chemistry

Learn about:

- analysis of unknown compounds
- using the Periodic Table
- controlling chemical reactions
- organic chemistry

see Dr Liston, Mrs Clapperton or Mrs Thom-Tydell
Chemistry Pathways

Any Year 9 Science Stream

10 Chemistry

VCE Chemistry 1 & 2

VCE Chemistry 3 & 4

10 Environmental Science

Year 9

Year 10

Year 11

Year 12

Either Chemistry or Environmental Science is needed for VCE Chemistry or Biology. AgHort, Chemistry, and Psychology are followed by VCE Sciences.

not to be taken with 10 Environmental Science
Learn about:

- how you inherit features from your parents
- DNA
- Darwin’s Theory of Evolution
- biodiversity
- the development of humans over time
Genetics & Evolution Pathways

Any Year 9 Science Stream

Genetics & Evolution

Forensic Science

Any other Year 10 Science

VCE Biology 1 &/or 2

VCE Biology 3 & 4

Year 10 Genetics & Evolution leads into VCE Biology but can be followed by other VCE Sciences like AgHort and Psychology.

not to be taken with 10 Forensic Science
Recommended for VCE Physics

Learn about:

- forces and movement
- cars and crash dummies
- Newton’s laws
- model building - including launching rockets
- astronomy
Physics Pathways

Any Year 9 Science Stream

- 10 Physics
- Forensic Science
- VCE Physics 1

Year 10

Year 11

VCE Physics 1 & 2

VCE Physics 3 & 4

Year 12

VCE Physics can be followed 2

with either of the Sciences

such as Biology, AgHort

and Psychology

not to be taken with 10

Forensic Science
Doing a Unit 1 subject in Year 10 will require you to be doing very well in all of your subjects - and depends on class numbers.
Learn about:

- cells and cellular activity
- how different organisms function
- classification

see Ms Dalton, Mrs McCaffrey, Ms Katselas, Ms Hughes
Doing a Unit 1 subject in Year 10 will require you to be doing very well in all of your subjects - and depends on class numbers. Note that Unit 2 Physics is done in Year 11.
VCE Physics Unit 1

Learn about:
• radioactivity and nuclear physics
• electricity
• investigations of flight

see Mr van Eyk, Mrs Clapperton or Mr Kennedy
Doing a Unit 1 subject in Year 10 will require you to be doing very well in all of your subjects - and depends on class numbers.
You may choose to complete the VET Certificate II in Horticulture. See Mrs Moloney or Miss Stute.
Thanks for listening and good luck with your choices!
Technologies
Year 10 Technologies

Create to learn
Year 10 Digital Tech
Year 10 Food Technology
The Place to Be !!!!

2015
Who to contact

- Big Ideas: Mr Baroudi
- Food Tech: Ms Marino
- Design Tech: Mrs Walsh
Humanities
Year 10 Economics

• World of Commerce

Questions see:

Mr Bernardo
Mr Cornell
Mr Johnson
# Economics Pathways

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Year 10 History options

- In 2013, History will be compulsory for one semester.

- Students can choose to study either the core Year 10 History unit or APPLY TO STUDY a VCE Humanities in lieu of the Year 10 History unit.

- Year 10 History - The Modern World & Australia (1918 - present day) core

- VCE Unit 1 - 20th Century History (1900-1945).

- VCE Unit 1 - Classical Studies.

- VCE Unit 1 - Australian & Global Politics.
Year 10 History: The Modern World & Australia (1918-present)

- **World War II** (causes, Holocaust, war in the Pacific & homefront).

- **Globalising World** (Government migration policies).

- **Rights & freedoms** (civil rights in America & Australia).
*VCE Unit 1: 20th Century (1900-1945) *optional study: application

- Crisis & Conflict - World Wars I/II, rise of Hitler.

- Social Life - Depression & Nazi Germany.

- Cultural Expression - Music (Jazz), Art (Picasso), Film (Charlie Chaplin).

- For more information see Mrs Stuart, Ms Baker or Mrs Wright.
Classical Studies: Unit 1
Mythical Worlds

*optional study: application

- Explore fascinating and famous myths & legends from Ancient Greece through ancient texts: epic, tragic play (studied in translation).

- Learn about gods, goddesses and heroes such as Achilles and Hector through studying these tales about love, war, betrayal and courage in Homer’s epic poem about the Trojan war: The Iliad.

- Are myths true? Learn about Archaeology and artefacts.

- For more information see Miss Robinson or Mrs Meaklim.
Australian & Global Politics
Unit 1: The National Citizen

*optional study: application

• Power politics and democracy looking at current issues and how ideologies develop.

• Exercising & challenging power. Leadership & ideologies such as Obama. Political movements such as Greenpeace & Get-Up.

• Visit Canberra

• For more information see Mrs Wright, Ms Baker or Mrs Stuart.
YEAR 10 GEOGRAPHY
- Where to From Here?
YEAR 10

GEOGRAPHY

• There has never been a better and more exciting time to study Geography.

• Geography helps make sense of an increasingly complex world.

• Geographers are highly employable and have diverse career paths.
CAREERS

- GEOGRAPHY can lead you to remarkable careers -
  - PLANNING/DESIGN - Architecture, Environmental Planning, Surveying
  - SPATIAL SCIENCES - Cartography (creating maps!), Geographical Information Systems (GIS)
CAREERS

- ENVIRONMENT - Agriculture, Conservation, Sustainability, Wildlife Management
- SCIENCE / ENGINEERING / PHYSICAL GEOGRAPHY - Environmental Science, Mining, Oceanography, Vulcanology
- HUMANITIES - Journalism, Law, Tourism
- COMMERCE - Industrial Planning, Real Estate
PATHWAYS

• You can do Geography in Year 10 through to Year 12.

• You can apply to do Unit 2 Geography as a Year 10 Student

• You can apply do Units 3 & 4 as a Year 11 Student

• There are no prerequisites to do Units 3/4
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Where to From Here?

- This subject has a focus on: Quality of Life, Global Variations, Sustainability, Environmental Change and Management through a study of a natural environment

- **Fieldwork** - Full Day to various locations around Melbourne

- - Full Day to Marysville: a disaster affected region
Unit 2 Geography

This Unit has a focus on the geographic characteristics of rural and urban environments which are developed by human activities and their interaction with the natural environment. Management strategies are explained and analysed.

• Key topics include: Collins Street, Melbourne and Vietnam.

• Fieldwork - Full Day to Collins Street in Melbourne.
Any Questions?

• Don’t hesitate to ask:
  Mrs McCann
  Mr Ekers
  Ms Kelly
  Mrs Macklin
Languages
Languages @ Avila
English is not enough!

2015 and beyond
“THERE IS NO WAY AROUND THE HARD WORK. EMBRACE IT.”

- ROGER FEDERER
Roger Federer
Why learn a language?

- Improved understanding of the mechanics of English
- Travel prospects
- Intercultural understanding
- Career opportunities
- Improved cognitive function and problem solving
- Lower risk of dementia
LANGUAGE STUDY TOURS

Indonesia (2015)
France (2015)
Italy (2016)

Only students undertaking the language are eligible to participate in the College’s overseas tours.
Languages at Year 11

• Sets solid foundations for Units 3 & 4 study of a language by modelling ways of working and assessment tasks

• Consolidation of vocabulary and skills developed in Year 9 & 10

• High expectations

• Regular access to Language Assistant to develop speaking skills
Health and P.E.
VCE Physical Education

- Exercise physiologist
- Sports scientist
- Biomechanist
- Performance analyst
- Physical Education Teacher
- Physiotherapist
- Occupational Therapist
- Myotherapist
- Osteopath
- Nurse
- Paramedic
- Sports Nutrition
- Podiatrist
- Coaching
- Sport management and marketing
- Development of sport and recreation in the community

VCE Health and Human Development

- Health Promotion
- Health Education
- Community Health
- Health project management
- Occupational Therapy
- Mental Health
- Nursing
- Food analyst
- Product Development
- Community nutrition
- Consumer awareness
- Public Health promotion
- Health policy development
- Women’s health Officer
- Health Educator
- Social worker
- Community support and inclusion officer
- Rehabilitation consultant
HEALTH AND HUMAN DEVELOPMENT

Unit 1
- The Individual human development of Australia’s youth
- The Health of Australia’s youth
- Nutrition during youth
- The determinants of health
- Health issues facing Australia’s youth

Unit 2
- Human development during prenatal stage
- Development of Australia’s children
- Health and individual human development of Australia’s children
- Determinants Health and individual human development of Australia’s children
- Health and individual human development of Australia’s adults
Unit 1

Bodies in motion
- Body systems and human movement
- Cardiovascular and respiratory systems
- Introduction to energy systems

Unit 2

Understanding coaching and physically active lifestyles
- Effective coaching
- Physically active Lifestyles
- Factors influencing physical activity

You're new at this aren't you?
Year Level Coordinator