Year 11 Level Assembly

Tuesday 19 July

SUBJECT SELECTION 2017
Year 11 Level Co-ordinator
Mrs Stephens
HEALTH AND PHYSICAL EDUCATION
Miss King
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 an inclusion officer
- rehabilitation consultant
## Unit 3: Investigate Health status of Australian population

- Investigate Health status of Australian population
- Compare health status of Australian population with other developed countries
- Look at National Health priority guidelines
- Explore Health promotion in Australia

## Unit 4: Global Health

### Comparison health status of Australians and other developing countries

- How can sustainable health status and Human Development be achieved

### Promotion of Global Health

- Evaluation of global health programs

### Interrelationship between health, human development and sustainability
Physical Education

Unit 3
- National Physical Activity Guidelines
- Promotion of physical activity
- Evaluation of Physical activity initiatives
- Fatigue and Recovery Strategies
- Our body's response to physical activity

Unit 4
- Legal and illegal performance enhancing strategies
  - e.g., nutrition, hydration, sport psychology, use of illicit substances
- The cardiovascular, muscular and respiratory systems adaptations to training
- Training programs
- Games analysis
- Fitness testing

There is a practical component to this course.
SCIENCE
Mrs Thom-Tydell
Choose a Science subject in Year 12 if...

- You are doing reasonably well in that subject in Unit 1 and 2 (E’s and D’s do not count as doing well).

AND

- You enjoy the subject.

OR

- You are studying it as a pre-requisite for a Uni course.
## VCE Requirements and Recommendations

<table>
<thead>
<tr>
<th>If you want to study this Unit 3 and 4 subject</th>
<th>Study these Unit 1 and 2 subjects</th>
<th>Study these Yr 10 subjects</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemistry Unit 3&amp;4</td>
<td>Chemistry Unit 1&amp;2</td>
<td>Chemistry or Environmental Science</td>
</tr>
<tr>
<td>Physics Unit 3&amp;4</td>
<td>Physics Unit 1&amp;2</td>
<td>Physics or Forensic Science</td>
</tr>
<tr>
<td>Biology Unit 3&amp;4</td>
<td>Biology Unit 2</td>
<td>Forensic Science or Genetics and Evolution recommended</td>
</tr>
<tr>
<td>Psychology Unit 3&amp;4</td>
<td>Psychology Unit 1</td>
<td>Year 10 Science (any unit)</td>
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<tr>
<td>AgHort Unit 3&amp;4</td>
<td>Unit 1 AgHort</td>
<td>Year 10 AgHort recommended</td>
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</tbody>
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Note: Requirements listed in **bold** are not negotiable.
TECHNOLOGIES
Mr Baroudi
Technologies In Year 12

- Product Design & Tech
- Algorithmics
- Food Studies
Product Design and Technology
VCE Algorithmics (HESS)
Food Studies

Unit 3 & 4
NEW FOOD STUDIES FOR 2017
Unit 3: Food in Daily Life
Areas of Study:
The Science of Food
Food Choice, health and wellbeing
Unit 4: Food Issues, Challenges and Futures
Food Studies

Physiology and conditioning of food

Microbiology of the intestinal tract

Biological reasons for dietary requirements

Trends in food purchasing

Ethical principles to food consumers

Practical ways to implement food models
Please see your Food Tech Teacher or email me if you have any questions.
Food Studies
For further information

- Food Studies: Ms Marino
- Product Design and Tech: Mrs Walsh
- Algorithmics: Mr Baroudi
RELIGIOUS EDUCATION
Ms Johnston
Religious Education

Understanding Faith in the context of our world today
Religious Education in VCE

- 2 Options

• Option 1 - Religion & Society Unit 3 & 4

• Option 2 - School Based Program, non VCE subject
Religion and Society
Unit 3

The Search for meaning

Dealing with the “BIG” questions – the existential questions….
Why am I here? What is my purpose in life? Why do we suffer?
The Ultimate Reality

IMMANENT

GOD

Omniscient
Omnipotent
Omnipresent
The implications for how we live -

THE ETHIC OF LIFE

Genesis 1: 27 So God created them in his own image, in the image of God he created them.
Religion and Society
Unit 4

Challenge and Response

Change in the Catholic Church-
Modernism, Science, Philosophy,
Vatican II

How is the Church responding to the trafficking of women into slavery in Australia?

What is Catholicism’s vision for society?
Benefits of selecting Units 3 & 4

• Develop writing and analytical skills that are transferable to other study areas (Humanities Subjects)

• Achieve greater academic success

• Complements the philosophical and historical concepts covered in other subject areas

• Become informed about faith and its place in the world

• Have 3 additional free periods per week
Yr 12 Religious Education - Being a Catholic today

Topics explored:

- Faith, Philosophy and Personal Ethics
- Seven Deadly Sins
- Seven Catholic virtues
- Global Ethics
- Religion in the Arts
- Jesus of History - Christ of Faith
- Spirituality as an expression of Faith
Pathways for Religious Education Studies

• The skills of analysis, evaluation, application of knowledge and communication prepares you for a broad range of courses and careers beyond Avila.

• For example- Law, Journalism, Politics, Education, Nursing, Social Work, Counselling, Public Service, Police Force, Diplomatic Service, Medicine, Religious Professions, Not for Profit Organisations.
ENGLISH
Mrs Swift
Communication

Analysis

Creativity
Reading / Viewing

Writing

Speaking

Written - Visual - Multimodal Texts
HUMANITIES
Mr Bernardo
VCE Commerce
Year 12

Commerce

• Accounting
  Unit 3 and Unit 4

• Business Management
  Unit 3 and Unit 4

• Legal Studies
  Unit 3 and Unit 4
Year 12 Commerce

- You do not have had to do Unit 1 and/or Unit 2 to select these subjects in Year 12

Questions see:

Mr Bernardo
Mr Cornell
Mr Johnson
The following VCE Humanities subjects DO NOT require a pre-requisite.

- Global Politics
- History (Revolutions)
- Classical Studies
Global Politics

Unit 3: Global Actors
• Examines states, international institutions (IMF, WTO, International Criminal Court), trans-national corporations & non-state actors.

Unit 4: Global Challenges
• Ethical issues & debates, e.g. human rights, people movement, poverty, arms control & disarmament.
• Crises & responses - conflict, terrorism & global financial crisis. See Mrs Wright
History - Revolutions

Revolutions explores the reasons for revolution, the role of leaders and the new society created from revolution. See Ms Baker, Mrs Stuart or Miss Robinson

Unit 3: French Revolution (18th Century)
Unit 4: Russian Revolution (20th Century)
Classical Studies

Units 3&4: Classical Worlds

Study of the beliefs, culture and events of Classical Greek and Athenian society c. 500-400BCE through ancient texts: the oldest epic known to humanity—Homer’s *Iliad* and *Odyssey*, tales about love, war, courage and loss. Study famous tragic plays about mythology, heroes, gods and goddesses by Euripides and Sophocles. Study the first written ‘histories’ by Herodotus ‘father of History’ and Thucydides the first war reporter. See Miss Robinson or Mrs Meaklim.
Many students in the past have chosen to do 2 and sometimes even 3 Humanities subjects in Year 12. This is because they enjoy and love studying Humanities and find the skills they learn complement and assist them in each subject.
YEAR 12 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
Can I do units 3/4 Geography without doing Units 1&2?

• YES! Geography can be undertaken with or without completing Units 1 and 2.

• We would welcome you and Headstart will prepare you well.
Unit 3 Geography  
- Changing the Land

Change to land cover - deforestation, desertification and melting glaciers and ice sheets.

Change to land use - at a local scale students investigate land use change using appropriate fieldwork techniques and secondary sources.

Fieldwork: The former Burwood Brickworks site which is currently transforming to a retail, commercial and residential precinct.
The geography of human populations:
- patterns of population change
- movement and distribution
- how governments, organisations and individuals have responded to those changes in different parts of the world

- investigation into two significant population trends arising in different parts of the world
Any Questions?

- Don’t hesitate to ask:
  - Mrs McCann
  - Ms Kelly
MATHS
Ms Baka
Maths Pathways

**Year 10 Mathematics**

- **General Mathematics Units 1 & 2**
  - Contains assumed knowledge for related material in Further Mathematics Units 3 & 4

- **Mathematical Methods Units 1 & 2**
  - This course has a strong emphasis on algebraic manipulation and graphical techniques. It contains assumed knowledge for related material in Mathematical Methods Units 3 & 4

- **Specialist Mathematics Units 1 & 2**
  - (Can only be selected if Mathematical Methods Units 1 & 2 is also being studied)
  - Strongly recommended in addition to Mathematical Methods Units 1 & 2
Maths Pathways

Year 11

General Mathematics Units 1 & 2
Contains assumed knowledge for related material in Further Mathematics Units 3 & 4

Mathematical Methods Units 1 & 2
This course has a strong emphasis on algebraic manipulation and graphical techniques.

Specialist Mathematics Units 1 & 2
(Can only be selected if Mathematical Methods Units 1 & 2 is also being studied)
Strongly recommended in addition to Mathematical Methods Units 1 & 2

Year 12

Further Mathematics Units 3 & 4
Further Mathematics Units 3 & 4 could be taken alone or with Mathematical Methods Units 3 & 4

Mathematical Methods Units 3 & 4
Mathematical Methods Units 3 & 4 could be taken alone or with either Further or Specialist Mathematics

Specialist Mathematics Units 3 & 4
Specialist Mathematics Units 3 & 4 is normally taken in conjunction with Mathematical Methods Units 3 & 4
Which Maths subject(s) can I do in Year 12?

<table>
<thead>
<tr>
<th>Year 11 2016</th>
<th>Year 12 2017</th>
</tr>
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<tbody>
<tr>
<td>General Mathematics ONLY</td>
<td>Further Mathematics ONLY</td>
</tr>
<tr>
<td>General Mathematics and Mathematical Methods</td>
<td>Mathematical Methods ONLY OR Mathematical Methods and Further Mathematics OR Further Mathematics ONLY</td>
</tr>
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</tr>
<tr>
<td>Mathematical Methods and Specialist Mathematics</td>
<td>Mathematical Methods ONLY OR Mathematical Methods and Specialist Mathematics (You cannot do Specialist Mathematics on its own)</td>
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</table>
LANGUAGES
Mr La Fauci
Languages @ Avila
English is not enough!

2017 and beyond
Why learn a language?

- Learning a language will improve your employment prospects when you leave school.
- Over $\frac{1}{3}$ of businesses want people specifically for their language skills.
- To increase English Skills.
- To improve results in other subjects.
- To improve chance of entry into University.
- Travel prospects.
- Immerse yourself in another culture and gain an intercultural understanding.
- To assist your brain function and problem solving skills.
Why Study A Language

What career path can a second language lead me towards?
Here are some careers - nurse, journalist, computer games designer, marketing manager, tourist guide, engineer, doctor, lawyer, teacher.
LANGUAGE STUDY TOURS

Indonesia (2017)
France (2017)
Italy (2018)

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

- Sets solid foundations for studying a Language at Year 12.

- Consolidation of vocabulary, grammar and skills developed in Year 10

- High work expectations are set

- If you are planning to do Maths in Year 11 and 12 you may consider doing a Language as this will allow you to qualify for the VCE Baccalaureate.

- It provides an additional form of recognition for students who choose to undertake both a higher level Mathematics and a Language in VCE and rewards them for their hard work.
THE ARTS
Ms Fleming
THE ARTS

VCE Subject Selection
THE ARTS

The study of subjects in the visual and performing arts provides students an opportunity to develop critical thinking, problem solving strategies and increase visual, aural and verbal communication skills. A VCE Arts subject increases the individuals appreciation of the arts in our culture and also leads to a lifelong love of the subject. In many cases, this passion also leads to a fulfilling careers in a related industry.
DRAMA

VCE Units
In this subject, students focus on:

• Improvised and student-written drama material
• Understanding of the elements of drama
• Understanding of performance style and associated conventions
• Solo performance work
• Group performance work
• Acting, with a minor emphasis on stagecraft (props, costume)
Assessment tasks:
• Rehearsal and development of performance tasks
• Ensemble (Unit 3) and solo (Unit 4) performances
• Written analysis of development of performances
• Theatre performance analysis (Unit 3)
• Solo performance examination (35%)
• Written examination (25%)

Skills learned:
• Sophisticated character work
• Understanding of naturalistic and non-naturalistic drama
• Ability to sustain character in solo and group performances
• How to include acting and staging conventions in performances
MUSIC
VCE Electives
MUSIC PERFORMANCE

VCE Electives
This unit prepares students to present convincing performances of group and solo works.

- Students select a program of group and solo works representing a range of styles and diversity of character for performance.
- They develop instrumental techniques that enable them to interpret the works and expressively shape their performances.
- They also develop an understanding of performance conventions they can use to enhance their performances.
- Students develop skills in unprepared performance, aural perception and comprehension, transcription, music theory and analysis.
- The focus for analysis is works and performances by Australian musicians.
1. Prepare and present accurate and expressive performances of a program of group and solo works.

2. Demonstrate instrumental/vocal performance techniques, and technical work and exercises. Also present unprepared performances.

3. Identify, re-create, notate and transcribe short excerpts of music and analyse expressive elements of music in pre-recorded works.
VISUAL ARTS

VCE Units
STUDIO ARTS
Painting & Drawing
VCE Units 3 & 4
Unit 3
In this unit, students focus on:

- Exploring a self-generated concept incorporating a broad range of ideas
- Trialling and documenting a number of individual relevant processes in relation to their concepts
- Researching and responding to artists and artworks
- Analysing and generating responses based on contemporary art concerns
Unit 4
In this unit, students focus on:

• Refining and producing final pieces of artworks based on their themes
• Arranging their artworks within a space to create a specific intention
• Going on excursion to a range of galleries to expand their experience of different art spaces and galleries
• Analysing and generating responses based on contemporary art concerns
STUDIO ARTS

Photography
Unit 3 & 4
Unit 3
In this unit, students focus on:

- Exploring a self-generated concept incorporating a broad range of ideas
- Trialling and documenting a number of individual relevant processes in relation to their concepts
- Researching and responding to artists and artworks
- Analysing and generating responses based on contemporary art concerns
STUDIO ARTS 3&4

Unit 4
In this unit, students focus on:

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• Arranging their artworks within a space to create a specific intention
• Going on excursion to a range of galleries to expand their experience of different art spaces and galleries
• Analysing and generating responses based on contemporary art concerns
Unit 3

Students create final presentations informed by their exploration and analysis of a range of visual communications. They study how the design process is applied in industry and use design thinking skills in preparing a brief, undertaking research and generating ideas for final presentations which will be developed and evaluated in Unit 4.
Unit 4

Students focus on the design process to develop and refine concepts before producing final visual presentations that satisfy the brief established in Unit 3. They then devise a pitch to present, explain and evaluate their visual communications against their brief.
Why choose an Arts subject for Year 12?
Self Expression

Performance Styles  Group Work

Individual  Practical

Creativity  Design Skills

Fun
Year 11 Level Co-ordinator
Mrs Stephens