



Year 10 Subjects 2021

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All subjects in this section run for 6 periods a fortnight.

English/EAL

Students are required to select a year long English or EAL subject.

ENG101 – English

Preparation for: VCE English and VCE Literature

Suitable for: everyone!

Year 10 English will consolidate your text response skills, sharpen your comparative writing and teach you the finer points of language analysis. There'll be some creative and persuasive writing in there too.

ENG102 – English Progress

Preparation for: VCE English, VCAL English

Suitable for: anyone who feels they need to invest extra time in their writing skills

If you think you need to spend more time on your essay writing skills, then consider this unit. The curriculum and assessments tasks are all the same as mainstream, but the texts are shorter and you'll spend more time developing writing skills to make sure you succeed in VCE or VCAL.

ENG103 – English/English Literature

Preparation for: VCE English and VCE Literature

Suitable for: passionate readers, ACE students and those interested in getting a taste of literature before making a VCE subject selection.

This course is a combination of the year 10 English curriculum with elements of the VCE Literature study design. Students will complete text response essays, language analysis and creative pieces, as well as passage analysis and learning to apply literary theory.

EAL101 – EAL

Preparation for: VCE EAL, VCE English, VCAL English

Suitable for: EAL students

Year 10 EAL will consolidate your text response skills, sharpen your comparative writing, teach you the finer points of language analysis and incorporate listening comprehension. You will also be required to produce creative and persuasive texts.

Maths

Students are required to select a year long Maths subject.

MAT101 – Year 10 Maths

This option involves working from a year 10 Maths textbook. Topics covered in this course include measurement, algebra, financial maths, linear relationships, simultaneous equations, univariate & bivariate data, quadratic relationships, Pythagoras & trigonometry and indices. The course prepares students well for VCE by focusing on developing and improving study habits and work routines, completing a Maths study book to assist them with revision and skill and content development, completing tests for each area of study and sitting for an exam at the end of each semester.

MAT102 – Maths Pathway

Maths Pathway is an alternative option to using a Year 10 textbook. It is an online program that provides an open style curriculum for students, based on what you are ready to learn. Diagnostic tests will run at the start of the year to determine previous knowledge and, more importantly, any gaps in your maths knowledge and skills. You will then complete individualised modules and a test at the end of each fortnight. The program will calculate a growth rate depending on how many modules you are able to master in each test. Maths Pathway focuses on growth and improvement, rather than achievement levels. You will be using the online program in addition to a variety of hands-on materials, with the intention to support your maths learning and/or provide a great opportunity for extension. Semester exams will still occur.

MAT103 – Year 10A Advanced Maths

This option also involves working from a year 10 Maths textbook and is the option you should choose if your passion is studying Maths and want to be extended in your mathematical studies. It is a must if you want to pursue Units 1 & 2 Maths Methods or Specialist Maths in VCE. The content focuses more on the extension of 'Year 10 Maths' option. Topics covered include algebra, linear and quadratic relationships, parabolic graphs, trigonometry, probability, logs, polynomials, indices, surds and simultaneous equations. However, it contains additional content to extend you in your mathematical studies. You will be required to complete a test for each topic and an exam at the end of each semester. You will need to be self-directed and motivated to achieve your best.

All subjects in this section run for 6 periods a fortnight.

Some are year-long subjects and are allocated 2 points, whilst some only run for a semester and are allocated 1 point. Please read the selection form carefully to understand how many points you require to fill your timetable.

Career Focus Pathways Program

PDS101 - Personal Development (1 point)

As part of your Career Focus Pathways Program you will participate in projects and activities in your community or school that will develop your teamwork skills, self-confidence, leadership and other skills important for life and work. You will learn about real life circumstances which you may encounter in a safe and supportive learning environment. These skills will assist you to recognise behaviours, situations and how to best cope in them. Activities could include individual and group-based activities.

Industry and Enterprise (I&E)

IE011 - Industry and Enterprise (1 point)

Unit 1: Workplace participation

Industry and Enterprise investigates work and its place in work settings, industries and society. A key feature of Industry and Enterprise is work experience that students can undertake.

On completion of this unit the student should be able to explain the importance of Australia having a skilled workforce, investigate career pathways and analyse current and future work options. Industry and Enterprise also enables students to develop personal work-related skills, and conduct a self-assessment to gauge personal work performance. They observe industry and employment trends and analyse current and future work options. They investigate job tasks and processes in work settings as well as entry-level requirements associated with work in selected industries.



Creative and Performance Arts

“Creative people are curious, flexible, persistent and independent with a tremendous spirit of adventure and a love of play” – Henri Matisse

CAP101 – All the world’s a stage! - Drama/Theatre Studies (1 point)

“Acting to me, is about the incredible adventure of examining the landscape of the human heart and soul. That’s basically what we do.” – Glenn Close

‘All the world’s a stage’ is designed for those who **love** drama and self expression through performance and **also** ideal for those looking towards setting themselves up to study Theatre Studies at VCE level.



This subject allows you to explore character and role in great depth, participate in a class production and perform a researched monologue. You will gain skills in acting and staging in relation to a range of performance styles and look at the ways in which playwrights have responded to what is happening in their lives and the world. You will learn about a range of theatre styles from different eras and gain insight into how a written playscript is interpreted in its production to an audience. You will find yourself working both independently and in groups towards a shared creative project.

If you love the thrill of the stage and the possibilities of expressing emotions and ideas through performance then, ‘All the world’s a stage’ is for you! Students wishing to undertake Theatre Studies at VCE level will gain a lot from this selective.

Who would want to study this subject?

Students who love drama and are curious about the world of performance and how it works on a broader level. Students who are interested in learning about the range of roles that contribute to theatre and who are highly motivated to work creatively towards a quality performance. Students who love expression through movement, sound and dialogue and those who are planning to work towards undertaking VCE Theatre Studies.

Where might this subject lead in future?

This subject develops critical thinking, group collaboration, independent learning, perseverance and interrogative questioning. It helps build self-confidence and leadership skills. All of these are transferable to a broad range of future pathways. This subject is recommended if you are considering VCE Theatre Studies and can lead to a variety of tertiary courses and career pathways such as; Bachelor of Arts: Acting, Bachelor of Arts: Technical Theatre and Stage Management, Bachelor of Creative Arts: Drama, Actor, Stage Manager, Producer, Director, Playwright, Sound Designer, Lighting Designer and more.

“Art can transform lives. It gives us the power to question, to confront, to explore and to challenge how we think about the world.” Lucy Liu

‘The Artist’s Studio’ is designed for those who **love** art exploration and self expression and **also** ideal for those looking towards setting themselves up to study ‘Studio Arts’ at VCE level.



This class will be set up like an artist’s studio and we will explore lots of different materials and techniques such as; inks, printmaking, linocuts, impasto painting, collage, oil painting etc... You will work with a theme or topic that inspires and interests you and you will play with ways of representing that theme to communicate an idea or emotion to your viewer. Your folio will include other artist’s artwork, images and inspiration from a range of resources and you will learn how artists have responded to important events in their lives and the world.

Your folio will become a rich visual diary full of your thoughts and ideas about art and art making and you can include things that inspire you like; song lyrics, scenes from movies, poems, postcards, photos and keepsakes. You will also learn new ways of looking at and thinking about artworks.

If you are enthusiastic about trying new things, like a challenge, and want to expand your art knowledge and skills, ‘The Artist’s Studio’ is for you! It is also a great art extension subject for students who wish to take Studio Arts in VCE.

Who would want to study this subject?

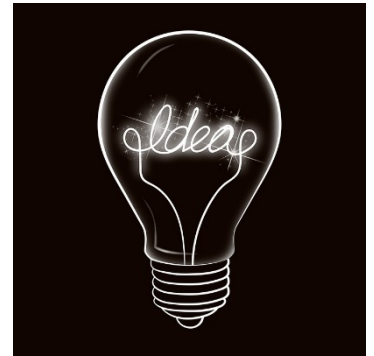
Students with a passion for the visual arts, who like to experiment with materials and explore ideas. Students who feel creativity is important to them and who wish to extend their self expression in new and interesting ways through visual mediums. Students who feel at home with critical and creative thinking and who are curious about the ways artists have expressed ideas throughout the centuries. Students who wish to enter VCE folio subjects and Studio Art in particular.

Where might this subject lead in future?

This subject may lead students to study Studio Art at VCE level which in turn can lead to the following; Bachelor of Fine Arts: Painting, Bachelor of Fine Arts: Printmaking, Commercial Art, Fine Art, Set Design, Costume Design, Special Effects Make up, Art Curation, Art Publicist, Art Critic, Art Conservator, Art Marketing, Printmaker, Courtroom Artist, Tattoo Artist, Art Historian, Exhibition Designer, Gallery Owner, Animator and more. Any career path that involves critical and creative thinking skills or future tertiary study that requires a strong folio as an entry criteria.

“Good design is clear thinking made visual” – Edward Tufte

Visual Communication design is a subject which enables students to analyse and practice visual communication methods in a real-world context. Students build a folio of technical and observational drawings, create visual and analytical responses to the design elements and principles, and experience working with the limitations of a design brief. The Visual Communication course is challenging, and can be very rewarding. It requires constant in-class and out-of-class work from the students in order to pass each unit of work, and will challenge and build on their creative, critical, analytical and lateral thinking abilities.



Who would want to study this subject?

Students who are interested in subjects predominantly within the creative domain are encouraged to undertake VCD. The subject also appeals to students with interests in mathematics, information technology, photography, fashion, architecture and business studies. Visual Communication Design covers a range of subject matter and context and can easily interest a broad range of students.

Where might this subject lead in future?

Visual Communication Design can lead students into outlets which are creative, analytical, and technology based. Studies in Communication Design and Graphic Design are a common outcome for students who undertake VCD - though it can also lead to studies and careers in architecture, marketing, advertising, engineering, fine art, photography, web design and development, game design, and more. The course introduces students to a range of career paths relative to VCD studies, and can draw the bridge between VCD and other subject areas students may be interested in. Following VCE Visual Communication Design studies, students might be interested in a Bachelor of Communication Design available at many tertiary institutions or Diploma of Graphic Design courses at TAFE. Any career path that involves critical and creative thinking skills or future tertiary study that requires a strong folio as an entry criteria.

“Movies touch our heart and awaken our vision and change the way we see things. They take us to other places, they open doors and minds.” – Martin Scorsese

‘Mad about Media’ is a VCE preparation subject that focuses on film and video production. It is an introduction to the techniques of media production and the conventions used in filmmaking. You will learn to use video cameras and video editing software to produce a video show reel.



In this subject you will gain significant practical skills in video production and digital editing. You will view media texts (TV shows, documentaries, music videos and films) and learn about the codes and conventions used to create them. ‘Mad about Media’ allows you to be involved in scriptwriting, storyboarding, media production, media post-production and the creation of film promotional material.

Topics covered in this elective include: social media, advertising and representation as well as narrative, storytelling and media codes.

This subject encourages teamwork, curiosity, creativity, imagination and problem solving skills.

Who would want to study this subject?

Students who love; filming or taking photographs, using technology to tell stories, gaining practical skills in media and love using their creativity to communicate to an audience. Students who wish to enter creative VCE studies and VCE Media in particular.

Where might this subject lead in future?

Studies in Media can lead to a range of tertiary studies and enhance career paths including; Masters of Media, Bachelor of Communication: Media Studies, Diploma of Screen and Media at TAFE. Students may one day forge a career as a Filmmaker, Cinematographer, Journalist, Writer, Story Teller, Graphic Designer, Games Designer, Illustrator and Animator, Publishing and more.

CAP105 – School of Rock! – Music (1 point)

“Music touches us emotionally, where words alone can't.” — Johnny Depp

‘School of Rock’ is designed for those students who have a passion for music and who love to perform. This subject will give you the opportunity to play a range of instruments, form bands and perform to your peers. Students will enjoy a practical hands on experience of music!



Using the “School of Rock” program you will work in groups with your chosen instruments to play as a band with a strong emphasis on performance skills and techniques in order to further appreciate music. Performances may be in or out of the classroom.

‘School of Rock’ allows you to create music with IT Technology on computers using *Acid Pro* to form and edit your own compositions. You will develop your own mix of songs using the *Audacity* program and explore how to create loops and add music to clips. An excursion to “The Channel” at the Arts Centre will enable you to create your own music using ICT. This selective is a very engaging and interactive approach to learning music.

Who would want to study this subject?

Students who have a creative drive to extend their love of music through performance. Students who have always loved listening to, creating and exploring different musical forms and who have a curiosity about the relationship between new technologies and the structure of musical compositions. Students who are interested in the broader music industry and wish to enhance their skill base to set them up for senior studies in music. Students who enjoy setting themselves personal challenges in the area of music but who also enjoy creating and refining music with others with a shared goal to perform. Students of all abilities may elect to do this subject however commitment and enthusiasm are required accompanied by a strong desire to achieve their best in Music.

Where might this subject lead in future?

This subject has the foundations that can lead to VET Music Performance in year 11 and 12. Studies in Music can ultimately lead to a range of tertiary studies and career paths including; Bachelor of Music Studies, Bachelor of Arts: Music Industry, Advanced Diploma of Music TAFE, Song writer, Composer, Orchestrator, Band Musician, Conductor, Musical Director, Record Producer, Remixer, Recording Engineer, Sound Technician, Musical Journalist and more.

Humanities Selectives

Important Note: All Humanities Selectives on offer in 2021 are semester-long subjects. If you enrol in a Selective in Semester One, you will need to select a different Selective if you wish to continue Humanities in Semester Two.

ESC VCE Humanities Pre-requisite: If you wish to enrol in a VCE Humanities subject in 2021 & 2022, **you must complete at least ONE Semester of Humanities in 2021.**

HUM101 - Deadly Dates: an Indigenous Perspective (1 point)

When Two Worlds Collide...A Nation is Born?

- Term 1/3: Pre-Colonisation - Before colonisation, life in Australia was deadly. Colonisation made it extremely deadly. In this subject, students will be asked to research and discuss what Indigenous life was like before colonisation.
- Term 2/4: Post-Colonisation - Students will visit the Melbourne Museum Bunjilaka Gallery to explore post-Federation history. During this term, students will focus on the effects of the new Constitution, the legacy of the Stolen Generation and the lead up to the 1967 Referendum. In addition, students will analyse Adam Goodes' *The Final Quarter*, where they will investigate racism and reconciliation in sport and Australian society.



What questions you will be tackling?

- What was Aboriginal life, culture, traditions and religion like before the Europeans invade?
- How did colonisation impact Indigenous Australians and their communities?
- How did European attitudes toward Indigenous Australians create a culture clash?
- Explore the rise of Black Power in Australia – who were the Aboriginal freedom fighters?
- What were the major milestones for the civil rights and land rights of the Aboriginal and Torres Strait Islander peoples?
- How are Indigenous Australians represented in the media?
- Beyond Mabo: What are some of the current political challenges faced by 21st century Indigenous Australians?



Who would want to study this subject?

Students interested in History or Sociology at VCE level and an indigenous perspective.

Where might this subject lead in future?

This subject directly links with the following VCE units:

Units 3: Sociology

Unit 3: Culture and Ethnicity, Area Study 1: Australian Indigenous Culture.

Units 1 and 2: Twentieth century history

Unit 1: Twentieth century history 1900–1945

Unit 2: Koorie history

Units 3 and 4: Australian history

Unit 3: Australian history – imagining Australia

Unit 4: Australian history



HUM102 - Global Politics: Government and Citizenship (1 point)

In this subject, students will explore the key features of Australia's system of government and its roles, Australia's international legal obligations, Australia's justice system, including the role of the courts, issues of democracy and the roles of citizenship.

In this subject students will explore questions and topics such as:

- What influences shape the operation of Australia's political system?
- How does Australia's court system work in support of a democratic and just society?
- How is Australia's democracy defined and shaped by the global context?
- How do citizens participate in an interconnected world?
- How are government policies shaped by Australia's international legal obligations?
- What are the features of a resilient democracy?



Who would want to study this subject?

For those interested in human rights, migration, and international relations.

Where might this subject lead in future?

This subject can lead on to VCE studies such as: History, Legal Studies and International Politics.

HUM103 - Rights and Freedoms (1 point)

In this subject, students explore how minority groups have fought for their rights and freedoms and they will learn about the challenges, sacrifices and victories civil rights activists have experienced in gaining rights and freedoms. Students will explore despite the existence of international organisations such as the United Nations and international and domestic laws protecting rights and freedoms, there are many people around the world who face injustice and inequality. Students look at what forms of activism people can participate in today to secure better rights and freedoms for all in the future.

In this subject students will explore questions and topics such as:

- The role of the United Nations and The Universal Declaration of Human Rights.
- The rise and fall of Apartheid – Civil Rights in South Africa.
- Slavery, the Klu Klux Klan and the American Civil Rights Movement.
- How did the American Civil Rights Movement influence Australia?
- Indigenous activism and the role key activists played in fighting for Indigenous rights and freedoms in Australia.
- How do civil rights activists achieve change?
- How do we secure our rights and freedoms into the future?
- A historical film analysis on: Cry Freedom and Mississippi Burning.



Who would want to study this subject?

This subject is for those students interested in:

Human rights, international conflicts, and civil rights activist groups.

Where might this subject lead in future?

This subject can lead on to VCE studies such as: History, Legal Studies, International Relations and Sociology.

HUMAN RIGHTS MATTER!



HUM104 - Does Money Talk? – Economics (1 point)

Students who choose Does Money Talk? will gain an awareness of the inter-relationship of personal, national and international economics as well as enhancing their development as an active citizen in today's globalised society.

In this subject students will explore questions and topics such as:

- Economic Basics
 - What is good about money and what is not?
 - Basic Economic Concepts.
 - Current Issues.
 - Government Economic Objectives.
- International Trade
 - Why nations trade?
 - Australia's Exports and Imports
 - Trade Agreements.
 - Globalisation and Multinationals.
- Economic issues such as unemployment, inflation, globalisation and the environment.
- Personal Finance
 - Money - how do you get it and how do you use it?
 - How do you calculate and manage finances?
 - What is the relationship between profit and debt?



Who would want to study this subject?

This subject is for those students interested in: Running a business, accounting, finance and banking.

Where might this subject lead in future?

This subject can lead on to VCE studies such as: Business Management, Accounting, Economics, Industry & Enterprise.

HUM105- Law, Order & Justice: You and the Law (1 point)

In this subject, students will learn what it means to be an active responsible citizen, where they examine and evaluate the role of law in a range of different contexts including Australia and overseas. By exploring the consequences of law on different groups within society, students gain insights into the forces that shape our society. They will gain an understanding of the legal system and its effectiveness. Furthermore, they will investigate the influence of media on a range of legal cases and participate in 'You be the Judge' an online program that lets students participate in various aspects of a sentencing hearing.

In this subject students will explore questions and topics such as:

- What is a rule? Legal and non-legal rules. Civil & criminal law.
- The court system, including the High Court.
- Police procedures and my legal rights.
- Victimology: Victims and justice.
- The influence of media: past and present cases – the Jill Meagher story and the Chamberlain and the OJ Simpson cases.
- Australian Citizens overseas: Schapelle Corby & 'Cocaine Cassie.'
- Comparing Australia's legal system with America.
- Cyber Law – the legal and justice system responding to technology and criminality.
- Film study of the Australian film, *The Castle* – analyse the 'David and Goliath' legal battle between the Aussie battlers and the Government!



Who would want to study this subject?

This subject is for those students interested in: Legal Studies, the influence of media, social justice and civil rights.

HUM106 - The World at War (1 point)

Students enrolled in The World at War - WWII will study the political, social, economic and cultural history of the Second World War. Students will investigate the Inter-War years, countries and geographic areas involved. They will consider the major diplomatic, political and military events. Students will investigate the rise of Nazism in Germany, some of the key figures of the war, the Nuremberg trials and long-term legacy of the war. Students will also engage with Holocaust narratives to unearth the realities and horrors of war and the resilience of Holocaust survivors. The course will cover the time period of 1918 to the 1945, with an emphasis on the years 1939-1945.

In this subject students will explore questions and topics such as:

- The end of WWI and the terms of Germany's surrender.
- The 'Roaring 20s' – how society coped and recovered from WWI?
- The 1930s Great Depression and its economic, political and social impact on society.
- International tensions and conflicts during the Inter-War period.
- Hitler and the rise of the Nazi Party – Hitler's 'master race' and making Germany 'great again.'
- The major historical battles of WWII.
- The art of war – the use of war-time propaganda from the Nazis and Allied-forces.
- The Holocaust – the Nazi policies and genocidal processes to eliminate the Jews and other minority groups.
- The aftermath of the war – Holocaust survivors and their stories, post-war migration, war crimes and trials.
- A historical film analysis on: The Boy in the Striped Pyjamas.
- Neo-Nazis and current issues today with 'white supremacy.'



Who would want to study this subject?

Students that are interested in: the rise and fall of Nazi Germany, twentieth-century and Holocaust history.

Where might this subject lead in future?

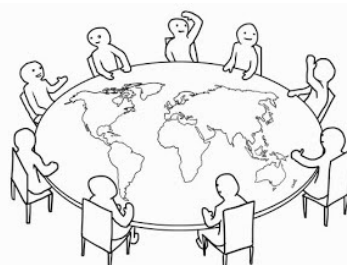
This subject can lead on to VCE studies such as: History, International Relations and Global Politics.

HUM107 - Geography: Environmental Change and Management (1 point)

In this Geography subject, students will explore coastal environments and the impact that humans have on these areas. This subject will involve conducting case studies of the Great Barrier Reef, Rainbow Beach, and Integrated Coastal Zone Management of the Netherlands, the Nigaloo Coast and the Gulf of Mexico

In this subject, students will explore questions and topics such as:

- What is environmental change? Degradation of the land, atmosphere, water
- What factors influence environmental change, such as challenges to sustainability, loss of biodiversity, climate change, pollution, consumerism of technology
- How are we responding to environmental changes?
- Changes in the coastal environment
- Managing coastal changes
- Sustainability



Who would want to study this subject?

This subject is for those students interested in: Geography, the environment and sustainability

Where might this subject lead in future?

This subject can lead on to VCE studies such as Geography, Sociology

Languages

Do you...

- Enjoy Italian and Macedonian and are you good at it?
- Think about continuing it in VCE?
- Love a challenge?
- Want to extend your knowledge base?

If you answered *YES* to these, then it sounds like either *Italian or Macedonian* is the right choice for you.

LAN101 – Italian (2 points)

This language course is designed for students who may wish to pursue their studies at the VCE level. Students will study more complex grammar and further develop their reading, writing, listening and speaking skills in the language. They will gain a deeper intercultural understanding of Italian life and culture in Italy and in Australia. The course will prepare students for the demands of VCE languages and provide them with the intercultural understanding, global awareness and transfer of knowledge skills vital for employment in a 21st century workplace.

Some of the great themes and topics that may be studied next year:

- Personal world
- Health and leisure
- Education and aspirations
- Historical perspectives
- Lifestyle in Italy and abroad
- Arts and entertainment
- Social and contemporary issues
- The world of work
- Technology
- Trade and commerce
- Tourism and hospitality

Who would want to study this subject?

Students who are:

- Enjoying Italian and would like to continue their studies
- Performing at a C grade standard or above
- Currently studying Italian and who have been studying it since year 7
- Interested in possibly pursuing Italian in year 11
- Eager to present themselves as people with a varied and distinguishable knowledge base
- Willing to take on the challenge of the subject in the hope they are able to take on this academic subject in VCE and add positively to their ATAR score through the scaling system.

This course is NOT recommended for students who have not studied Italian in Years 7-9.

Where might this subject lead in future?

In the future studies in Italian could provide opportunities in:

Tourism	Exporting/importing industry
International business i.e. commerce, trade, economics	Teaching
Nursing	Hospitality
Human services	Retail / customer service
Interpreting / translating	

LAN102 – Macedonian (2 points)

This language course is designed for students who may wish to pursue their studies at the VCE level. Students will study more complex grammar and further develop their reading, writing, listening and speaking skills in the language. They will gain a deeper intercultural understanding of Macedonian life and culture in Macedonia and in Australia. The course will prepare them for the demands of VCE languages and provide them with the intercultural understanding, global awareness and transfer of knowledge skills vital for employment in a 21st century workplace.

Some of the great themes and topics that may be studied next year:

- Personal world
- The history of Macedonian literacy
- Lifestyle in Macedonia
- Celebrations
- Film study
- Education and future aspirations
- The changing world- refugees and humanitarian

Who would want to study this subject?

Students that are:

- Enjoying Macedonian and would like to continue their studies
- Performing at a C grade standard or above
- Currently studying Macedonian and who have been studying it since year 7
- Interested in possibly pursuing Macedonian in year 11
- Eager to present themselves as people with a varied and distinguishable knowledge base
- Willing to take on the challenge of the subject in the hope they are able to take on this academic subject in VCE and add positively to their ATAR score through the scaling system.

Where might this subject lead in future?

In the future studies in Macedonian could provide opportunities in:

- | | |
|------------------------------|--|
| Tourism | International business i.e. commerce, trade, economics |
| Exporting/importing industry | Teaching |
| Nursing | Hospitality |
| Human services | Interpreting / translating |
| Retail / customer service | |



Physical Education and Health

HEA101 – Health and Development (1 point)

This subject allows students to describe the dimensions of, and the interrelationships within and between, youth health and individual human development, and analyse the health status of Australia's youth using appropriate measurements. Furthermore, students develop an understanding of the health status of Australians by investigating the health of population groups in Australia. Students analyse how determinants of health, including the physical environment, biological, behavioural and social, contribute to variations in health status. Also, students examine the National Health Priority Areas and analyse initiatives designed to promote health relevant to the NHPAs.

Who would want to study this subject?

- Students who would like prior knowledge if they intend to study VCE Health and Human Development.

Where can this subject lead?

- Students can go on to study VCE Health Human Development.

HEA102 - Growing Up Healthy (1 point)

This subject will allow students to develop awareness of health for their future. Students will study how various influences such as age, sex and environment can affect their health. This unit will provide students with an understanding of energy and nutrition requirements for healthy living and performance. They will explore prevention and management of lifestyle diseases. Year 10 Healthy Lifestyles will also focus on what is classed as regular physical activity. The course will then conclude with a comprehensive study of the physical, mental and social health benefits of regular physical activity and negative impacts of sedentary lifestyle.

Who would want to study this subject?

- Students who want to improve or learn about their personal health.

Where can this subject lead?

- To an active and healthy life.

HEA103 - Inside the Human Mind (1 point)

This subject will introduce students into the engaging world of Psychology whereby they will be given the opportunity to explore psychological theory and concepts. Students will develop skills and knowledge in the area of psychology that investigates human behaviour, thoughts, feelings and interactions. This introduction into psychology will allow students to understand the 'how' and 'why' questions they may have about learning, development, social interactions and biological aspects of behaviour.

Who would want to study this subject?

- Students who would like prior knowledge if they intend to study VCE Psychology.

Where can this subject lead?

- Students can go on to study VCE Psychology.



HEA104 – Staying Safe and Respectful (1 point)

This subject allows students to learn appropriate strategies for harm minimisation in party situations including appropriate first aid management. Furthermore, students will learn about respectful relationships and sexuality. Thus allowing students to focus on the health and well-being of individuals, communities and societies in the environments they share. Students will develop ideas that take a holistic approach to their health, recognising various factors that shape the behaviour and attitudes of individuals and groups in relation to healthy living and caring for themselves and each other.

Who would want to study this subject?

- Students interested in developing and maintaining healthy relationships and friendships.
- Students who would like to learn strategies for partying safely.

Where can this subject lead?

- Learning the skills to reduce harm.

PE_101 - Bodies in Motion (1 point)

In this subject, students will examine the biomechanical and skill acquisition principles that can be applied when analysing and improving movement skills used in physical activity and sport. Through an involvement in a variety of practical activities, students investigate and analyse movements to develop an understanding of how the correct application of biomechanical and skill acquisition principles leads to greater efficiency and accuracy in movement skills.

Who would want to study this subject?

- Students who intend to, or are currently studying VCE PE.
- Those who have an interest in how the body works in motion.
- Students who have an interest in evaluating and improving their skill and performance in their chosen sport.



Where can this subject lead?

- Students can go onto study VCE PE.
- Career Pathways: Sport and Exercise Science, Sport Coaching, PE Teaching, Sports Engineering, Personal Trainer.

PE_102 - Focus on Fitness (1 point)

This subject focuses on developing a better understanding of the various systems within the body and their role in creating human movement. Students will better understand the components of fitness, training methods and principles that athletes and sporting teams use to develop and improve their fitness levels, appropriate to the demands of their sport.

Who would want to study this subject?

- Students interested in how the body functions and its changes during exercise and other activities.
- People interested in the Fitness Industry.
- Students keen to explore topics covered in VCE Physical Education.

Where can this subject lead?

- Personal Training and Fitness Instructing.
- Studying Exercise Science in Tertiary Education.
- Community Sport Trainer
- Lifelong knowledge on how to stay fit and healthy.

PE_103 - Active Australian's & First Aid (1 point)

Active Australian's & First Aid students will examine the Australian Physical Activity and Sedentary Behaviour Guidelines (APASBG's) and initiatives that promote physical activity in our community. They will also analyse data to identify possible barriers and enablers to physical activity at both a population and individual levels, and will complete a number of practical classes that enhance skills and knowledge developed in theory classes. Students will establish and implement first aid action plans in line with DRSABCD and investigate scenarios common for adolescents to be exposed to.

Who would want to study this subject?

- Students interested in first aid principles and how to help friends or family when they are injured.
- People interested in sport and physical activity promotion
- Students keen to explore topics covered in VCE Physical Education.

Where can this subject lead?

- Lifelong knowledge on how to stay fit and healthy.
- Prior knowledge VCE Physical Education
- Prior knowledge and exposure for a level one first aid certificate
- Prior knowledge for VET Health



Science

SCI101 – Engineering (2 points)

This class focuses on all STEM subjects (Science, Technology, Engineering & Math) using industry standard software and it introduces students to the world of engineering. Using scientific knowledge and math, it is designed for students to use creative reasoning to solve real world problems. By conceptualising a solution to a problem, engineering the concept, and analysing the finished product, students start to understand where engineering can take them.

Students will:

- Use creative reasoning to solve real world problems
- Identify & create possible solutions
- Collect and Analyse scientific data
- Record results and communicate information

Who would want to study this subject?

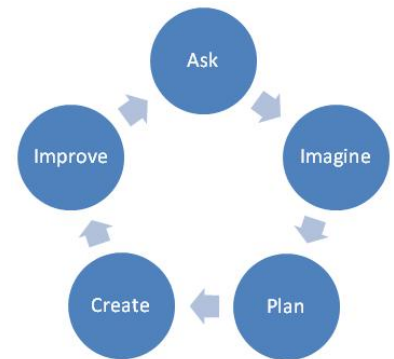
Anybody who wants to use math, scientific knowledge, and, most importantly, creativity to develop practical technology that helps society in any number of fields.

Where might this subject lead in future?

Engineers are involved in all areas of technology, including electronics, medicine, transportation, energy, new materials ... anything you can imagine.

Engineers fix things that are broken, improve those that work and come up with new inventions. Engineers help move the world toward a brighter future by solving problems with pollution, finding ways to harness new energy sources, producing new medicines, and building new structures. Engineers help people.

This subject allows students to access all VCE science subjects.



SCI102 - Genetics, Natural Selection & Evolution (2 points)

Genetics is the science of genes, heredity, and variation in living organisms. It operates in combination with environmental factors to determine exactly how living organisms, including ourselves, develop and survive throughout their lifetime.

In this subject students will be looking in detail at the molecular structure and function of genes, as well as patterns of inheritance, and gene distribution, variation and change in populations. This subject will help students to better understand content that is covered in the Year 11 and Year 12 VCE Biology course.

Students will:

- Use microscopes to view DNA and the division of cells
- Follow a scientific method to extract DNA from cells
- Learn techniques to determine modes of inheritance and genetic mapping
- Compare and contrast the positive and negative impacts of genetic mutations, and discover how they arise
- Analyse evidence supporting Darwin's theory of evolution
- Debate the ethical considerations surrounding the study of genetics



Who would want to study this subject?

If you are wanting to complete VCE Biology or if you just want to know more about areas such as selective breeding, genetic engineering, cloning, evolution of species, and how to conserve those species that are still on earth, then this is the subject for you.

Where might this subject lead in future?

This subject supports students in developing knowledge and skills that could see them become Geneticists, Doctors, Conservation Biologists, University lecturers, Animal breeders, Animal rights campaigners, DNA analysts. More importantly the subject will provide students with an understanding of real world issues that will impact on decisions they may need to make in the future.

SCI103 – Chemistry ReActions (2 points)

Chemistry is the study of matter: its composition, properties, and REACTIVITY. Chemistry happens in the world around you, not just in a lab. Every time you cook or clean, it's chemistry in action. Your body lives and grows thanks to chemical reactions. There are reactions when you take medications, light a match, and take a breath.

In this subject you will look at various types of chemical reactions and investigate what conditions need to be met before that reaction occurs and why those reactions occur the way they do. This subject will help students to better understand content that is covered in the Year 11 and Year 12 VCE Chemistry course.

We will be testing new and different reactions and there is also a possibility to work with the Whittlesea Tech School and use their amazing resources!

Who would want to study this subject?

If you are wanting to complete VCE Chemistry or if you want to understand more about different chemical reactions and why they happen. You will also need to conduct various reactions, so you need to be someone who enjoys experiments and capable of thinking outside the box.

Where might this subject lead in future?

The subject is designed for students who may want to study Chemistry at a University level and for students who could see themselves becoming Doctors, Laboratory Technicians, Chemical Engineers, Nurses, Quality Control Chemists, etc.

SCI104 – Science Skills in a Semester (1 point)

This subject covers the science content to a basic level in order for students to gain a fundamental understanding of the key knowledge and skills in the Year 10 Science course. The areas of study include motion (Physics), chemical formula and reactions (Chemistry), global systems (Earth and Space Science), and genetics and evolution (Biology).

Who would want to study this subject?

This subject is for students who are not considering a science subject at the VCE level but still want to undertake some study of science. Some students may need to have a minimum level of year 10 science as a requirement of their TAFE course or future job (Police/Army).

Alternatively, this subject may be ideal for students who are undertaking a VCE science subject in Year 10 and unable to fit a yearlong science subject into their remaining allotment.

Where might this subject lead in future?

The subject is designed for students who may want to pursue a career that doesn't directly involve science, but would still be a benefit, for example the police force or the armed forces.



Technology

TEC101 – Product Design and Technology (Wood) (1 point)

The main focus of this unit is developing fundamental skills, which are utilised in creating a consumer product, using a range of materials but primarily made of wood. While the emphasis will be on the student initiating the projects, there will be a compulsory component to ensure specific trade skills and knowledge are ascertained. Students will be expected to demonstrate an understanding of the relationship between the construction process and a safe working environment. Students will investigate product design concepts, through to successful completion of products. Computer aided designing and technical drawings will also be undertaken.

To successfully pass the subject, students are required to complete both major and minor products to a good standard and pay a basic fee towards their major project of \$20.



TEC102 – Product Design and Technology (Metal) (1 point)

The main focus of this unit is developing fundamental skills, which are utilised in metal fabrication and manufacturing. Techniques such as folding, riveting, welding and twisting will be used to create consumer products. While the emphasis will be on the student initiating the projects, there will be a compulsory component to ensure specific trade skills and knowledge are ascertained.

Students will be expected to demonstrate an understanding of the relationship between the construction process and a safe working environment. Students will investigate product design concepts, through to successful completion of products. Computer aided designing and technical drawings will also be undertaken. To successfully pass the subject, students are required to complete both major and minor products to a good standard.



A complete cost analysis of their project will need to be approved by parents before construction can commence. This total cost price will be \$20 for the semester. The additional costs for practise material, adhesives, paint etc will be covered by the school.

TEC103 – Food (1 point)

Students will further develop their design and production skills by cooking a variety of food products. They will be required to investigate and evaluate issues to do with food and its role in health, food preparation and presentation.

There will be a cost of \$60.00 per semester towards the cost of resources.



TEC104 - Game Design (1 point)

Games are becoming more prevalent in today's ever connected world. Everyone plays games. But what makes a good game? Why do people play games like Candy Crush repetitively? How do games developers make games that hook people? In this class you will investigate how games are made, from a pitch document through to a working demo. For students with minimal experience in programming to students with extensive skills, all skillsets are catered for through self-paced lessons and varied tools to use.



The problem solving used to design and develop a working game aren't just for people who work in IT. These skills are used in every industry, and help you to find different solutions for the same old problems.

TEC105 – Product Design (1 point)

In this class you will learn how to develop a product, from the initial idea through to the creation of a prototype. You will be able to use a wide range of equipment, including robots, microcontrollers, 3D Printers, programming languages, all to develop the product. You will also learn about identifying a user/need/client, how to gain inspiration from the existing market, the design process, and drawing your intended design with 3D modelling software.

There is no limit to what you can make in this class, but you will only get out what you put in – Your finished product will be something you can use and celebrate. Who knows, maybe you'll build the next great gadget!

All subjects in this section run for 4 periods a fortnight

Special Interest Subjects (every Wednesday period 3 & 4)

VET Music is a year-long subject and is allocated 2 points, whilst all other subjects are semester long and are allocated 1 point. You are required to select 2 points worth of subjects.

SIP101 – Spaceships, Robots and Monsters (1 point)

Preparation for: VCE English, Literature, Media, VCAL English

Suitable for: anyone who loves aliens, time travel, spaceships and the future.

Why is science fiction and speculative fiction so fun to play, read and watch? Do you play games like Titanfall, Bioshock, Halflife, Portal or Cyberpunk? Ever watched Neon Genesis, Battle Angel Alita or Knights of Sidonia? A fan of Star Wars or Trek? In this elective you will read and view excerpts, films, games and short stories that trace the alternative history of our future. Better yet, you will get to study your own choice of book, comic or game to investigate ideas in sci-fi.



Assessment for this unit will include the creation of your own science fiction, speculative or fantastical text, a comparative essay for the end of semester exam, and an in-depth research task which requires a choice of novel, graphic novel, or narrative computer game.

Cost: Students are expected to attend an excursion to ACMI at a cost of approximately \$20

SIP102 – Pop Culture and Literature (1 point)

Preparation for: VCE Literature, English and Media

Suitable for: comic book nerds, movie buffs and readers

Where can you find Beyoncé, Batman and Buffy the Vampire Slayer all in one place? Fancy watching great movies, TV shows and music film clips? How about enjoying excellent books and poetry? If you're obsessed with something (Harry Potter, Sherlock, Disney, anime...) we think we could teach you things you never knew about your favourite texts.

Assessment for this unit will enable you to decode and analyse these texts and write about them critically. You'll also be asked to engage creatively with your favourite texts. You'll learn to apply theories that will change the way you think about everything you once thought you knew...

SIP103 – Adaptations (1 point)

Preparation for: VCE English, Literature, Media, VCAL English

Suitable for: comic book nerds, movie buffs and readers

What was better: the book or the movie? In this unit, you'll find an answer! Learn about the decisions directors make when they adapt or transform existing books and texts into films.

Do the characters in the book all survive and make it to the movie?

Do their genders or ethnicities change?

Which events does the director focus on or leave out?

Why do directors make these decisions and does it change the meaning of the story?

Read the book. Watch the movie. Be a critic. Tell us which version you prefer and why.

SIP104 – Creative Writing (1 point)

Preparation for: VCE English, Literature, Media, VCAL English

Suitable for: bloggers, poets, playwrights and writers!

Do you have daydreams about one day writing a book? Interested in starting a blog or writing a script for a short film? Wonder what poetry is whether you'll be able to do it? This unit will teach you the basics of creative writing for pleasure and publication.

There are so many things to write about, so many ways to write about them, and – especially in the 21st century – so many modes of publication. You can even publish your work while you are studying this subject. Whatever your inspiration, whatever your topic, whatever your method, if you are creative this is the subject for you.



SIP105 – Journalism (1 point)

Preparation for: VCE English, Literature, Media, VCAL English

Suitable for: those who like sports journalism, politics, the arts, media and communication.

Are you curious? Maybe a little bit nosey? Are you a bit of a storyteller? Do you want to break stories in the way that the great investigative journalists do? Journalism will give you a taste of the media industry and improve your research and writing skills. It will get you out of the classroom and reporting on the world outside. This unit will reflect the changing nature of 21st century journalism with a strong online emphasis.

You pick the topic. We'll teach you how to break the news.



SIP106 – EAL bridging course (1 point)

Bridging EAL is designed for a range of EAL students from diverse language and educational backgrounds and experiences. A strong focus is placed on increasing students' vocabulary range and the understanding and application of grammatical structures to different writing tasks.

It supports and improves EAL students' study of English and helps to prepare them better for VCE EAL. Students are exposed to different text types including newspaper articles, films, songs and short novels/stories and produce texts such as letters, applications, reviews and résumés. Pupils also become more familiar with Australian colloquialisms/sayings and their day to day uses.

This course is open only to EAL students seeking additional support with refining their use of English language to assist with the transition to senior studies (VCE or VCAL).

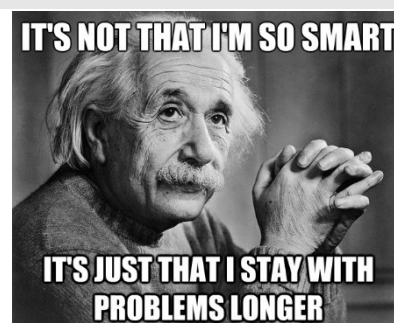
Who would want to study this subject?

This subject is for students who qualify for EAL support (were not born in Australia, speak a language other than English as their first language, have experienced most of their studies prior to arrival in Australia in another language and have been in Australia for less than 7 years).

This subject is open to students from years 10 to 12 and offers a good alternative to students studying another language. This subject will support students to develop greater capacity in reading, writing and language expression regardless of their current level of competency.

SIP107 – Maths Extension (1 point)

Do you love maths? Are you a problem solver? Do you want to study Maths Methods or Specialist Maths in VCE? Then Maths Extension is for you! You will be working hard to prepare yourself for the demands of VCE maths – understanding how to think outside the square to solve difficult problems, and learn new and exciting ways of approaching VCE topics. You must be willing to go the extra mile and develop positive study habits along the way. You will only get out what you put in! Maths Extension will run in addition to your 6 lesson maths block.



SIP108 – Let's Save our Planet (1 point)

This subject is a more hands on subject that focuses on the skills required to undertake scientific research and practical investigations. The focus is on the issues related to the environment and may lead into VCE environmental science. Local, national and global environmental issues will be discussed and researched during this subject. Student input into lesson planning, particularly in selected environmental issues they are passionate about addressing, is greatly encouraged.

Students may:

- Measure water quality of the creek
- Audit the recycling processes and procedures at ESC
- Measure the biodiversity of the creek ecosystem (using a variety of techniques, e.g. quadrats)
- Write to local members of parliament about environmental concerns for the Whittlesea area
- Learn about the importance of petitioning government in relation to environmental issues, and have the opportunity to support movements, like 'Ban the bag'.
- Attend a possible excursion to CERES



Who would want to study this subject?

Students who are concerned that growing populations and higher standards of living put increasing pressure on our environment. The natural world is complex and human activity can have unexpected consequences that are hard to reverse.

This subject supports students to develop skills related to monitoring the environment, as well as developing their knowledge of environmental impacts and how these impacts can be managed or potentially solved.

Where might this subject lead in future?

The subject is designed for students who may want to pursue a career in conservation biology or ecology, environmental science, environmental law, landscaping, pursue work with an organisation such as Greenpeace, but ultimately this subject is for students who are truly passionate about decreasing the negative impact they leave on planet Earth.

SIP109 – Science By *Doing!* (1 point)

Are you passionate about science?

Do you love doing science experiments?

Is there something that has always fascinated you and you would like to know more about it?

In this subject you will develop a scientific research question to investigate. You will spend time researching and designing your own experiments, then you will actually conduct your own experiments. You will then be able to show-case your findings to peers, teachers and parents!



There is also a possibility to work with the Whittlesea Tech School and use their amazing resources!

Who would want to study this subject?

Students who enjoy doing experiments in science and have great creative thinking skills. You might be interested in studying a science subject in VCE, and this will help you prepare.

You will need to put in effort when researching and reporting on your investigation.

Where might this subject lead in future?

The subject is designed for students who may want to study STEM at university, as there are always research and practical components to these courses.

SIP110 – Sporting Roles (1 point)

In this special interest subject, students will focus on developing knowledge focused on the following questions:

- What roles do people complete behind the scenes of a sporting club or competition?
- How are these roles implemented in a school-based setting?

In this special interest subject students will have the opportunity to;

- Participate in an Introduction to AFL Umpiring Course facilitated by AFL Victoria. Students may have the opportunity to umpire Auskick matches at half time of an AFL match at the MCG or Etihad Stadium.
- Participate in a range of sporting roles in a school-based setting
- Perform administrative roles and run sporting competitions for classmates and other students.

SIP111 – Master Chef (1 point)

Master Chefs from around the world!

Fancy yourself as the next Heston Blumenthal or Jamie Oliver? Chefs are just mad scientists in disguise! Use your culinary skills and imagination to create incredible dishes from Master Chef mystery boxes as well as participating in class challenges!

Can't afford an around the globe ticket? Here's a chance to travel the world via your taste buds. Europe, Southeast Asia and other exotic delights will be explored.

Likely Learning Activities

- Investigate current food trends and their influence on Australian eating habits
- Investigate cuisines from around the world and their influence on Australian cuisine.
- Investigate and design your own food products from mystery items

Cost: \$60

SIP112 – The Science of Food (1 point)

Students will learn the science of food. Cooking is a science as much as it is an art. The key to better cooking is understanding the chemical reactions. The subject will include preparing food and food experiments.

- Why is risotto so creamy?
- How does bread rise?
- What is gluten and how do I activate it?
- What is the roles of acid and alkaline in a kitchen?
- What happens to food when heated?
- The roles of proteins, starches and sugars.
- Different methods of cooking
- Gelatinisation, caramelisation, Maillard reaction and other chemical reactions.
- The role of bacteria.
- Food processing and preservation
- Food functions, and much, much more.

Please note there is a \$20 subject fee

SIP113 - Forensic Science (1 point)

Students will be asked to read, research, hypothesize, interview, compute and use deductive reasoning to propose crime solutions. With an ever increasing use of technology, the students will record data, draw conclusions, and formulate the best method for communicating results. It connects subject areas and reflects what happens within the real world. As the student's improve on lab skills and procedures, they will exemplify what occurs in solving crimes. As they improve their deductive reasoning and critical thinking skills, they will develop a lifelong learning style.

Students will:

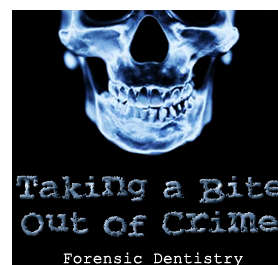
- Critically think through and formulate problems.
- Identify and investigate probable solutions.
- Properly collect and scientifically evaluate data.
- Record results and draw logical conclusions based on the evidence.
- Apply data to the given authentic situations.

Who would want to study this subject?

The Forensic Science class incorporates all of the major sciences of Biology, Chemistry, Physics and Psychology. This course is for you if you would like to apply the skills and knowledge you develop to solve a 'fake crime scene'.

Where might this subject lead in future?

Students who may want to pursue a career in criminology, law or show an interest in joining the police force.



SIP115 - Languages - Literacy support (1 point)

In this unit students will:

- Learn about the structures and functions of English
- Look closely at the mechanics of the English language - grammar and sentence structure
- Learn to write grammatically coherent texts
- Achieve a better knowledge of how to choose appropriate language for the intended purpose

Who would want to study this subject?

This course is recommended for students who are seeking additional support with their reading, writing or use of English language in order to prepare for VCE or VCAL in year 11.

Where might this subject lead in future?

Studying this subject may help students feel more confident about senior studies in Literacy and English (VCE or VCAL) and may also assist students with other subjects in VCE.

SIP116 – Creative Clay! – Ceramics (1 point)

“Pottery and sculpture are a way of life for me, not simply my job.” – Linda Coward

This subject introduces Ceramics/ Pottery as an art form and explores the basics of forming and shaping clay. Students will explore ceramic art by practicing hand-building techniques such as; pinching, slab building, coiling and slip casting. They may also have an opportunity to practice using the potter's wheel and begin throwing basic forms. They will learn how the glazing and firing process impacts on the form and aesthetics of a ceramic piece, as well as how to incorporate decorations and embellishments. The design and creation of unique art pieces is emphasized; students learn balance and proportion, wall thickness correction, surface decoration techniques and new firing options. Students will be given the opportunity of making creative sculptural pieces, but also learn how to make 'functional art', such as vases, cups and bowls. Students receive an overview of the history of ceramics and how it has played a key role in innumerable human endeavors and has been an important part of human culture for thousands of years. From prehistoric storage jars to tiles on the space shuttles.



Who would want to study this subject?

Students with an interest in the extensive arts and an interest in practical hands on subjects, will love ceramics. It gives all students an opportunity to be expressive and at the same time gives them an opportunity to create a unique work of art for them to take home and cherish forever.

Where might this subject lead in future?

Ceramics has a very technical and informative approach to creating and making. It teaches students design, form, decoration, aesthetics discipline and perseverance. All of these skills can be transferred to many others areas of interest for the future not just in the Arts. An interest in this subject can lead to tertiary studies such as a Bachelor of Arts: Ceramics and Diploma of Ceramics TAFE courses. Any career path that involves critical and creative thinking skills or future tertiary study that requires a strong folio as an entry criteria.

SIP117 – “Printmaker’s Workshop” – Printmaking (1 point)

“The technical procedures of printmaking doubtless release energies in the artist that remain unused in the much more lightweight processes of drawing or painting.” - Ernst Ludwig Kirchner



‘The Printmaker’s Workshop’ is designed for those who **love** art exploration and self expression and enjoy experimenting with artmaking processes.

This class will be set up like an artist’s studio and we will explore lots of different printmaking materials and techniques such as; monoprints, lino cuts, collagraphs, etchings etc... You will work with images that inspire and interest you and you will play with ways of representing them to communicate an idea or emotion to your viewer. Your folio will include images and inspiration from a range of resources and you will learn how artists refine their techniques to produce quality prints.

If you are enthusiastic about trying new things, like a challenge, and want to expand your printmaking knowledge and skills, ‘The Printmaker’s Workshop’ is for you! It is also a great art extension subject for students who wish to take Studio Arts in VCE.

Who would want to study this subject?

Students with a passion for the visual arts, who like to experiment with materials and explore ideas. Students who feel creativity is important to them and who wish to extend their self expression in new and interesting ways through visual mediums. Students who feel at home with critical and creative thinking and who are curious about the ways artists have expressed ideas throughout the centuries.

Where might this subject lead in future?

This subject may lead students to study Studio Art at VCE level which in turn can lead to the following; Bachelor of Fine Arts: Printmaking, Bachelor of Fine Arts: Printmaking, Commercial Art, Fine Art, Set Design, Costume Design, Special Effects Make up, Art Curation, Art Publicist, Art Critic, Art Conservator, Art Marketing, Printmaker, Courtroom Artist, Tattoo Artist, Art Historian, Exhibition Designer, Gallery Owner, Animator and more. Any career path that involves critical and creative thinking skills or future tertiary study that requires a strong folio as an entry criteria.

SIP119 – Business IT (1 point)

Data and Information are becoming one of the most important resources in the business world. In Business IT, students are given the opportunity to investigate how businesses collect and use data, how organisations make decisions, how they develop information systems, and how they utilise software tools to develop solutions. Students will also study how to manage and protect data, and the legal and ethical concerns surrounding the usage of data. This course is designed for students looking to do either Business Management or Computing at VCE, and will benefit any students with an entrepreneurial slant looking to build solid fundamentals in regards to the usage of technology.



SIP121 – Learning Support Program (1 point)

The Learning Support Program (LSP) is an Epping Secondary College program designed to offer tailored support for a range of student needs including literacy, numeracy, executive functions, and positive psychology. Students who participate in the LSP will reap the benefit of a flexible program designed specifically for their learning needs, and will gain skills which will aide their success in their other subjects. The LSP runs with small groups (less than six) focusing on activities and learning tasks designed to address the areas identified for and by each student.

SIP123 – VCE Study Skills (1 point)

Are you committed to “Striving for Excellence” and reaching your potential in your VCE studies? Would you like extra support while participating in an accelerated VCE program? “VCE Study Skills” is specifically designed to support students completing one or more VCE subjects in Year 10 and also preparing them to study a Year 12 when in Year 11 the following year.

In this unit students will:

- Learn specific study and revision techniques that they can apply to their VCE subject to maximise their performance.
- Have an opportunity to reflect on their executive functions, in particular, their organisational skills and time management skills.
- Focus on their wellbeing through learning and practising stress management techniques.
- Incorporate elements of Positive Psychology into their approach to VCE.
- Spend time reflecting on their strengths and setting goals to improve their results.
- Have an opportunity to study with teacher support available and use the teacher as a mentor to guide them through their studies.

SIP126 - Mind Hunters (1 point)

In this Philosophy subject students will explore questions and topics such as: the interaction of the mind and body, the existence of God, idealism, free will versus determinism, time, knowledge, empiricism, science, truth, morality, right versus wrong, rights and justice, liberty and anarchy, aesthetic value and the interpretation of artworks, discussed within the realm of ethical conundrums and hypothetical situations to then apply these ideals to the real-world.

In this subject students will explore questions and topics such as:

- What is the soul? What are thought and consciousness?
- Is religious faith different from other kinds of faith?
- Are material/physical objects the only things that exist?
- How real is virtual reality?
- Is everything we do determined by forces beyond our control?
- Can there be a coherent time-travel theory?
- What is the difference between knowledge and belief?
- Does science provide an objective account of the world?
- Is knowledge, belief and truth relative to different individuals or cultures?
- The interpretation of artworks - What is art? What is beauty? What is the relationship between art and philosophy? Does music mean anything?



Who would want to study this subject?

This subject is for those students interested in: Philosophy, Sociology and hypothetical discussions.

Where might this subject lead in future?

This subject can lead on to VCE studies such as: Philosophy and Sociology.

SIP127 - #LikeABoss Business School(1 point)

Marketing and Small Business Management

Do you have what it takes to start up your own business? Would you like to be your own boss and learn the basics of running a small business?

In this course, students will be provided with a unique opportunity to create a prototype of a product and consider its marketability to the general population. Students will engage with focus group and marketing strategies to consider how businesses promote their products and evaluate its success.

In this subject, students will explore topics such as:

- Small business decision-making.
- Planning and evaluation: the motivation behind starting a small business.
- Major factors that influence decisions made when establishing a small business.
- Market research & marketing strategies including social media market research.
- Key elements of a marketing plan: the marketing mix (product, price, place and promotion).
- Planning cycle - firstly deciding who will be their customers, and secondly, what they will produce and sell. Students will then decide how they will produce and market their product.

Who would want to study this subject?

This subject is for those students interested in:

Running a business, entrepreneurship, innovation, creativity, independence and teamwork!

Where might this subject lead in future?

This subject can lead on to VCE studies such as: Business Management, Accounting, Industry & Enterprise, Economics & Commerce.

LIKE A BOSS
Have you got what it takes?



SIP128 – Dollars & Sense (1 point)

Consumer Education and Financial Literacy

Dollars & Sense provides the knowledge, skills, understanding and values that form the foundation on which young people make sound decisions on consumer, financial and employment issues. It develops in students an understanding of money and competencies for personal financial management. Students develop financial literacy that enables them to participate in the financial system in an informed way. This course is designed to prepare students to face the challenges and opportunities of life in twenty-first century society.

In this subject students will explore questions and topics such as:

- Financial Literacy – understanding financial terms and concepts.
- Identifying and prioritising personal money management goals:
 - Financial planning – develop a personal plan.
 - Savings and investment.
 - The cost of using credit.
 - Protecting your assets.
- Managing money and personal finances:
 - Ethics and decision-making.
 - Buying wisely and budgeting.
 - Develop personal spending and saving plans using Excel.
 - Finance for small business.
- Gaining financial independence:
 - Employment– contracts, working conditions, income, superannuation and taxation.
 - Getting a place to live – buying and renting.
 - Getting some wheels – buying a car or bike.
- Time and money – investigate the impact of time on the value of money.



- Consumer protection – the main points of consumer law and avoid being “ripped off.”
- Consumer law cases and practical applications of consumer law.

Who would want to study this subject?

- Young people interested being in control of their financial future.
- Young people wishing to understand their consumer rights.

Where might this subject lead in future?

- Accounting, Business Management, Legal Studies and Economics.
- Students gaining a better understanding of personal finances, consumer rights and responsibilities.



VET programs offered at Epping Secondary College in 2021

Please note there are additional costs associated with all VET programs. These details will be available upon enrolment into the program.

SIP129 - VET Information, Digital Media and Technology (2 points)

Certificate III in Information, Digital Media and Technology (Course Code ICT30115)

This provides the skills and knowledge for an individual to be competent in a wide range of general information and communications technology (ICT) technical functions and to achieve a degree of self-sufficiency as an advanced ICT user.

NOTE: THIS IS A TWO YEAR PROGRAM RUN ON A WEDNESDAY

- | | |
|---|---|
| • Units 1 & 2 | • Units 3 & 4 |
| • Participate effectively in WHS communication and consultation process | • Create user documentation |
| • Work and communicate effectively in an ICT environment | • Install and optimize operating system software |
| • Run standard diagnostic tests | • Install, configure and secure a small office or home office network |
| • Operate application software packages | • Maintain equipment and software |
| • Produce digital images for web | • Provide ICT advice to clients |
| • Use social media tools for collaboration and engagement | • Build simple websites using commercial programs |
| • Care for computer hardware | |

Credit in the VCE

Program 2: Students who complete ICT30115 Certificate III in Information, Digital Media and Technology will be eligible for up to four units of credit at Units 1 and 2 level and a Units 3 and 4 sequence.

ATAR Contribution

Students wishing to receive an ATAR contribution for the Units 3 and 4 sequence of Program 2: Certificate III in Information, Digital Media and Technology must undertake scored assessment for the purpose of achieving a study score. This study score can contribute directly to the ATAR.

Scored Assessment

For Program 2: ICT30115 Certificate III in Information, Digital Media and Technology, scored assessment consists of three coursework tasks, worth 66% of the overall study score and an end of year examination, worth 34% of the overall study score.

SIP130 - VET Business (2 points)

Certificate III in Business (partial completion)-(Course Code BSB30115)

This course is an entry level qualification which provides students with the knowledge and skills to enhance their employment prospects in a business or office environment. The certificate provides an understanding of business fundamentals within the Australian context and will assist students to gain employment opportunities in an entry level administrative or customer service role.

NOTE: THIS IS A TWO YEAR PROGRAM RUN ON A WEDNESDAY

2021: Units 1 & 2

- Deliver and monitor a service to customers
- Organise workplace information
- Design and produce business documents
- Recommend products and services
- Organise personal work priorities and development
- Apply knowledge of WHS legislation in the workplace

2022: Units 3 & 4

- Maintain business resources
- Process customer complaints
- Work effectively with diversity
- Maintain financial records
- Contribute to effective workplace relationships
- Support operational plan
- Provide workplace information and resourcing plans

Credit in the VCE

Students who complete BSB30115 Certificate III in Business (partial completion) will be eligible for up to four units of credit at Units 1 and 2 level and a Units 3 and 4 sequence.

ATAR Contribution

Students wishing to receive an ATAR contribution for the Units 3 and 4 sequence of Certificate III in Business (partial completion) must undertake scored assessment for the purpose of achieving a study score. This study score can contribute directly to the ATAR.

Scored Assessment

Program 2: BSB30115 Certificate III in Business (partial completion) scored assessment consists of three coursework tasks, worth 66% of the overall study score and an end of year examination, worth 34% of the overall study score.

SIP131 - VET Community Services (2 points)

Certificate III in Community Services (partial completion)-(Course Code CHC32015)

This course provides students with the knowledge and skills to learn about the community services sector and explore specific contexts of work. Skills will be developed in communication, working with diversity, workplace health and safety, administration support, and responding to clients.

NOTE: THIS IS A TWO YEAR PROGRAM RUN ON A WEDNESDAY

2021: Units 1 & 2

- Organise and complete daily work activities
- Provide first point of contact
- Communicate and work in health or community services
- Work with diverse people
- Participate in workplace health and safety
- Interact effectively with others at work

2022: Units 3 & 4

- Respond to client needs
- Work within a community development framework
- Implement participation and engagement strategies

Credit in the VCE

Students who complete BSB30115 Certificate III in Community Services (partial completion) will be eligible for up to three units of credit at Units 1 and 2 level and two Units 3 and 4 sequence.

ATAR Contribution

Students wishing to receive an ATAR contribution for the Units 3 and 4 sequence of Certificate III in Community Services (partial completion) must undertake scored assessment for the purpose of achieving a study score. This study score can contribute directly to the ATAR.

Scored Assessment

Program 2: CHC32015 Certificate III in Community Services (partial completion) scored assessment consists of three coursework tasks, worth 66% of the overall study score and an end of year examination, worth 34% of the overall study score.

SIP132 – VET Music- Certificate III Music Industry (2 points)

At Epping Secondary College Certificate III in Music Industry (CUA20615) (Performance Stream) is a certified entry-level course for students who want to work in the music industry with a foundation of music industry skills and knowledge.

Here, you will develop a knowledge of music, learn to listen critically to music, and apply safe practices relevant to the music industry. You will learn how to work collaboratively with other musicians and production staff. Throughout the duration of the course you will gain skills and experience using a large variety of musical equipment such as guitar and bass amplifiers, basic PA systems, etc. to prepare you to be able to work professionally in the music industry as a performer. The units of competencies for both Units 1-2, 3 and 4 are listed below:

NOTE: THIS IS A TWO YEAR PROGRAM RUN ON A WEDNESDAY

IN 2021 UNITS 3 & 4 WILL BE OFFERED

2020: Units 1 & 2

- Implement copyright arrangements
- Work effectively in the music industry
- Follow occupational health and safety procedures
- Apply knowledge of style and genre to music industry practice

2021: Units 3 & 4

- Develop technical skills in Performance
- Prepare for Performances
- Develop Improvisational Skills
- Develop and Maintain stage craft skills
- Record and mix a basic music demo
- Perform music as part of a group

Credit in the VCE

Program 2: Students who complete CUA30915 Certificate III in Music Industry will be eligible for up to three units of credit towards their VCE: two credits at Units 1 and 2, and a Units 3 and 4 sequence.

ATAR Contribution

Students wishing to receive an ATAR contribution for either of the Units 3 and 4 sequences from VCE VET Music must undertake scored assessment for the purpose of achieving a study score. This study score can contribute directly to the ATAR, either as one of the student's best four studies (the primary four) or as a fifth or sixth study. Where a student elects not to receive a study score for VCE VET Music, no contribution to the ATAR will be available.

Scored Assessment

For Program 2: CUA30915 Certificate III in Music Industry, scored assessment consists of three coursework tasks, worth 50% of the overall study score and an end of year group or solo performance examination, worth 50% of the overall study score.

SIP133 - VET Screen and Media (2 points)

Certificate III in Screen and Media (Video & Screen)-(Course Code CUA31015)

This provides students with a pathway to a variety of creative industries. Units 3 and 4 offers scored assessment and incorporates units such as 2D digital animations, writing content for a range of media, authoring interactive sequences and creating visual design components.

NOTE:THIS IS A TWO YEAR PROGRAM RUN ON A WEDNESDAY

2021: Units 1 & 2

- Develop and extend critical and creative thinking skills
- Contribute to health and safety of self and others
- Work effectively in the creative arts industry
- Develop drawing skills to communicate ideas
- Prepare video assets
- Promote innovation in a team environment

2022: Units 3 & 4

- Explore and apply the creative design process to 2D forms
- Create 2D digital animations
- Author interactive sequences
- Create visual design components
- Write content for a range of media

Credit in the VCE

Program 2: Students who complete CUA31015 Certificate III in Screen and Media will be eligible for up to four units of credit at Units 1 and 2 level and a Units 3 and 4 sequence.

ATAR Contribution

Students wishing to receive an ATAR contribution for the Units 3 and 4 sequence of Certificate III in Screen and Media must undertake scored assessment for the purpose of achieving a study score. This study score can contribute directly to the ATAR.

Scored Assessment

CUA31015 Certificate III in Screen and Media, scored assessment consists of three coursework tasks, worth 66% of the overall study score and an end of year examination, worth 34% of the overall study **score**.

Accelerated Learning Program

In 2019, there are two ways in which students may be part of the Accelerated Learning Program: either they are part of the ACE (Accelerated Cluster Education) program in which they will have received accelerated curriculum in either or both of the areas of Maths and English leading into year 10, or they have applied to study a VCE subject in year 10.

For students who are not part of the ACE program but have successfully applied to study a VCE program, they will have nominated which VCE subject they are wanting to study and this subject will take the place of 2 points in their elective choice list. This will be indicated on their subject selection form when they receive their subject pack.

Students in the ACE program

The aim of the ACE program is not to 'push' students through the curriculum quicker in order to get to the end faster. It is, instead, designed to give students more time to explore at the senior end of school curriculum so that they can experience more of the various subject choices that are in the VCE program and, hence, decide on which units best suit them to take into year 12. Studying a year 12 subject in year 11 will not lead to studying less subjects in year 12. As part of the ACE program, students will likely complete more than the necessary number of units required for satisfactory completion of VCE but this allows students to potentially maximise their ATAR scores by having additional units that they can draw on for these unit 3 and 4 scores.

For this reason, we encourage students to design a program that will not be overly challenging but will still allow for this exploration to occur. In order to ensure that this happens, the following constraints will be placed on student choices in year 10:

- Students will complete a maximum of 2 VCE subjects in year 10 (with the exception of a language study)
- It is recommended that students DO NOT undertake units 1 & 2 English Literature and Units 1 & 2 Maths Methods in the same year. Students wanting to study units 1 & 2 Literature in year 10 are encouraged to study VCE General Maths in combination and then attempt units 1 & 2 Methods in the following year.

Options for ACE English

For students who completed the accelerated program in English and can demonstrate the prerequisite year 10 level understanding, the following subject options are available:

ENG103 – English/English Literature

If you've completed ACE English and are curious about Literature, but not ready to enrol in Units 1 & 2, consider the combined English and Literature option at year 10. Students will complete text response essays, language analysis and creative pieces, as well as passage analysis and learning to apply literary theory.

LI011 – VCE English Literature Units 1 and 2

This is a course which will challenge you but will also offer some excitement & fun. You'll be expected to do plenty of reading, thinking, talking and writing about the texts, themes and the way the writers create worlds and meaning through the use of language and imagery as well as different styles and forms of writing.

Unit 1

Outcome 1: Readers & their responses

We will examine how we relate to a text in terms of what we expect to happen; what we expect of texts of this genre; and, how we think about, relate to and empathise with the characters & events because of our own experiences.

Outcome 2: Ideas & Concerns in texts

We will examine what concerns, problems, values & ways of behaving the characters and events in the text

Unit 2

Outcome 1: The text, the reader & their contexts

We will examine how a text(s) from a past era represents the concerns, values & behaviour of that time; and, how we as modern readers respond & relate to this.

Outcome 2: Comparing texts

We will look at how 2 texts that can be connected (because they deal with the same theme topic, story

represent.

Outcome 3: Interpreting Non-print texts

We will look at how a film presents a certain message to its audience.

or belong to the same genre), have similar or different meanings.

Options for ACE Maths

For students who have completed the accelerated program in Mathematics and can demonstrate the prerequisite year 10 level understanding, the following subject options are available:

MA071 - VCE General Maths Units 1 and 2

This Mathematics pathway is the most commonly adopted by VCE students and provides a course of study for a broad range of students and potential pathways.

Unit 1

General (Further) Maths focuses on everyday maths applications. You will use and apply previously learned Algebraic and Linear Graphing skills. You will build on previous skills as well as learn new ones.

You will study Statistics and how they are used to support or reject arguments. How do we know a species is evolving? How do we know that smoking causes lung cancer? These are real situations where statistics can be used.

Unit 2

You will continue to build on previous skills from Unit 1. New areas of learning will teach you all about Matrices, Number & Patterns, Graphs & Networks.

You will learn how to simplify and summarize information to find out what is or isn't possible as well as how to solve problems and make decisions.

MA101 – VCE Maths Methods Units 1 and 2

VCE Mathematical Methods is the only VCE Maths subject that runs across both year 11 and 12. It covers more challenging and applied Mathematical concepts than General Mathematics.

Mathematical Methods (CAS) Units 1 and 2 have a closely sequenced development of material, intended as preparation for Mathematical Methods (CAS) Units 3 and 4. Mathematical Methods (CAS) Units 3 and 4 may be taken alone or in conjunction with either Specialist Mathematics Units 3 and 4 or Further Mathematics Units 3 and 4, and provide an appropriate background for further study in, for example, science, humanities, economics or medicine.

Unit 1

Unit 1 will take a variety of topics from the areas of "Functions and graphs", "Algebra", "Calculus" and "Probability and Statistics". In completing these topics students will be expected to build upon previously acquired skills and knowledge from Year 10.

Unit 2

Students will study further topics from the areas of "Functions and graphs", "Algebra", "Calculus" and "Probability and Statistics". The skills and knowledge acquired in Unit 1 will continue to be built upon in preparation for Units 3 & 4 Mathematical Methods (CAS)

If students in the ACE program do not feel as though they are ready to take on a VCE Maths subject just yet, they have the two year 10 subject options to choose from.