

Course Selection Handbook
UNIT DESCRIPTORS
Semester | 2 | 2019



Welcome to the 2019 Year 7 – 10 Course Handbook.

Tallangatta Secondary College is a pivotal partner in delivering high quality state education. Our purpose is for all students to demonstrate personal and educational growth in a challenging, stimulating and innovative learning environment. Our values are Respect, Empathy, Attitude and Learning (REAL). We continue to provide a broad range of curriculum and extra-curricular programs, whilst maintaining a student-centered approach to meeting individual student needs.

We are proud to operate a Vertically Integrated Grouping (VMG) unit system of curriculum; offering semester and term length units of study within the domains of the Victorian Curriculum.

Students enter the College in Year 7 to a common curriculum to support their transition from Primary school to Secondary College. It involves the core studies of domains to provide students with the foundation skills necessary for Middle Years: Culture and Communication (English and Humanities), Maths, Science, Life's Good (HPE/Sport), LOTE (Indonesian), Art and Technology. From Semester 2, Year 7 students enter our middle school (Level 1) VMG where they can choose subject themes of high interest to them, whilst still maintaining a balanced course. Level 2 and 3 subjects are available to year 8, 9 and 10 students.

Home group mentors play an active role in monitoring and advising students of subject selections and are the point of contact for parents if they have concerns or questions regarding the process. Students recognised with particular strengths or areas in need of consolidation are provided the opportunity to move up or remain within the different levels of the VMG where they can demonstrate their proficiency. We feel strongly that the VMG best serves the needs and talents of our students.

We also proudly offer extensive VET, VCAL and VCE to students in years 10 – 12 to ensure a managed individual pathway approach is taken as students' transition through the later years of schooling.



Richelle Moyle
Principal

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INTEGRATED UNITS

LEVEL TWO

FM203 - Future Makers (Duke of Ed) (S)

Students who choose this elective will be taking part in the Duke of Edinburgh Award and spending some time at the Outdoor School at Bogong. The purpose of this unit is to develop future ready young people, while engaging students in activities they have interest in. Students who select this semester length integrated unit are committing to a 12 day camp and to actively working on physical skills, developing a new skill and to spending time in service to the community. Students must be in year 9/10. Approximate Cost \$300.

AG203 Agricultural and Rural Studies (S)

This integrated unit provides students with the chance to investigate a wide range of opportunities available in the agriculture industry. This unit provides an introduction to the completion of the certificate II or the commencement of a traineeship in Agriculture, which is a Certificate III and a VCE unit.

SM203 STEM Connections (S)

This Unit is a project-based, applied learning option that will focus on the Science, Technology, Engineering, Arts and Math's areas. Students will be able to follow their areas of interest, explore their curiosity and work together to solve problems and create solutions.

DESIGN AND CREATIVITY

LEVEL ONE

PERFORMING ARTS

AP102 Making Music (T)

What is music? What is style? What are the roles and functions of music in society? Students will learn basic beats and rhythms, and about patterns in music. They will improvise, compose and perform using various instruments and ideas. Students will look at the music in society and investigate the use of music in Movies, TV and Advertising. They will compose jingles for advertisements and create Mood Music using Soundscapes. They will write Rap songs to further understand the relationship between words and rhythm. Students will learn basic music notation skills, and they will listen to different styles of music and communicate what they hear, both in writing and discussion.

AP103 Keyboard for Beginners (T)

This is a group piano class designed for beginners, students who have never had any formal lessons in piano. This is essentially a practical class, but will include some basic theory directly related to the piano. So for anyone who has always wanted to try the piano, but never had the chance or would like to try it out before committing to formal lessons, then this class is for you. Students will need to access the textbook "Master your Theory".

AP104 Guitar for Beginners (T)

This unit provides students with an opportunity to establish and develop their performance skills on the guitar with a view to providing long lasting and independent skills once the unit has finished. Students will be provided with written and performance based opportunities within a positive and differentiated learning environment in order for them to establish confidence as a new musician.

AP145 Break a Leg (T)

This is a general Drama unit for all those students interested in continuing to develop confidence and enjoyment in theatre. A variety of activities and plays will be undertaken and performance and participation within class is a must.

VISUAL ARTS

AV110 The Challenge of Drawing (T)

Have you ever wanted to draw a car, person, house or your favourite animal? If so, this is the unit for you. The teacher will take you through simple step by step processes to enable you achieve a successful outcome. Tone and texture combined with free hand drawing will be encouraged to make your images look real. Students will be encouraged to extend their skills and will have the opportunity to branch out into some cartooning and "Manga" activities. A set of good quality B pencils (2B, 4B, 6B etc.) is recommended. Students will need a visual diary for planning.

AV122 Basic Vis Com (T)

What is design? Design is everywhere in our world today, we see it when we open our phones, when we choose what to eat in the Supermarket and we use it to learn about new things.

Get a taste for design and learn how to create your own visual communications and create your own products. Learn how to create a product and market it. Options will be negotiable and could include bath bombs, tshirt designs and movie props.

You will learn drawing skills, making skills and digital design skills. You will need a visual art diary for this subject.

AV132 Introduction to Photography and Film (T)

Learn how photography and film works are planned, produced and distributed to their audience. You will be introduced to the technology and editing software to produce your own works and learn how to use the media process to create successful products. You will also explore how your intended audience effects your choices as a media producer. This subject requires a visual art diary.

LEVEL TWO

PERFORMING ARTS

A209 Music – Level 2 (S)

This is both a music theory and practical subject. Students will learn all the relevant music theory that they will need to equip them as professional musicians in the future. The expectation is that students will advance both their practical and music theory levels.

AP260 It's Showtime (T)

This Drama unit will look at a variety of scripts and their performance. Students will work in small groups to perform scenes from a range of pieces and get the opportunity to interpret and change scripts to suit their own situation.

VISUAL ARTS

AV215 2D & 3D Art (T)

In this unit students will explore two and three dimensional Art forms making the link between their drawings/design and a sculptural pieces. They can explore a variety of techniques and materials, (including clay, Modroc, wire) and study the work of other sculptors. A research topic will be given in an area of interest to them. Students must bring the required requisites to class such as a visual diary, pencil, fine liner and eraser.

AV228 Herald/Bolga (S)

Students will be introduced to a selection of the knowledge and skills required for a range of VCE art units, including Visual Communication Design and Media. They will learn what it means to be able to communicate visually in different techniques and formats, including photography, film, print and design, while taking into consideration the needs of the audience in different contexts. The skills and knowledge learnt will be used to assist in the production of the Bolga school magazine.

LEVEL THREE

VISUAL ARTS

AV320 Designing for Social Media (S) (attached to ME033)

This subject explores how the internet and social media has changed the field of design. It will explore how the introduction of new media has influenced design and teach the skills necessary to design for digital platforms like Facebook and Instagram. This subject will look at how to develop work digitally and how to make and correctly share hand-drawn work in a digital space. This unit will look at a variety of skills including digital creative programs, drawing and photography. This subject requires a visual art diary.

TECHNOLOGY

LEVEL ONE

TW172 Toys in Wood (T)

Students will design and make wooden toys. These may be toys using mechanisms to move parts, games or puzzles. Design concepts, correct use of tools and the use of appropriate material will be covered.

TW176 Making Skateboards (T)

In this unit students are shown how timbers can be manipulated into curved shapes and how that might be used in everyday society. Making skateboard decks is a really cool and exciting way to do look at this content which will motivate the students. Student's researched theory behind manufactured boards such as MDF, plywood and sandwich panel veneers as well as the history of skateboard development from conception in the 1950's to now; how materials, manufacturing process, shapes, sizes and designs have been developed over time and why. Putting theory into practice and using the Roarokit technology and process, the students design and made their own individual boards.

TE153 Metal, Meat and Fire (T)

Is there anything more Australian than enjoying a barbecue? And in the same way Australia's people come from a diverse range of backgrounds, Australia celebrates many different styles of barbecuing. In this unit we will look at designing and building portable BBQ plates, fire pokers and tripods for over-fire cooking. Students will learn oxy cutting, basic welding and metal bending. We will then test our new equipment by cooking a BBQ on open fires.

LEVEL TWO

TE256 Racks and Range (Metal)

Students will learn about basic metal working tools, welding and equipment used in the engineering workshop as well as the skills to use them. Students will make a rifle bench rest used for sighting in and a stand to hold a target board. This unit is aimed at students that are interest in improving their shooting skills and metal work.

TE253 Metal, Meat and Fire (S)

Is there anything more Australian than enjoying a barbecue? And in the same way Australia's people come from a diverse range of backgrounds, Australia celebrates many different styles of barbecuing. In this unit we will look at designing and building portable BBQ plates, fire pokers and tripods for over-fire cooking. Students will learn oxy cutting, basic welding and metal bending. We will then test our new equipment by cooking a BBQ on open fires.

ENGLISH / LITERATURE

LEVEL ONE

LI107 Fantasy (S)

Take an adventure in fiction writing that is set in fantasy worlds only limited by the imagination. Write your own fantasy stories using the techniques of fantasy authors. Create wondrous settings, larger-than-life characters and extraordinary plots. Learn how to use literary techniques to create engaging and imaginative writing. Learn how to annotate and analyse passages and write a structured response to Literature.

LI117 Mission Impossible (S)

Spy thrillers and action stories form the basis of this Literature unit. There is a long history of spy stories, from Alex Rider to Ethan Hunt, which is part of a strong tradition of young spy characters that empower young readers. Learn how to respond creatively and analytically to Literature, analyse passages of text and improve reading comprehension.

LI121 Australian Traditions (S)

This unit will help students to develop effective reading strategies, a critical response to and understanding of text by examining what it means to be Australian and how Australians have and are portrayed in Literature. We will examine the stories and traditions of Australia's past and present. The life and times of Ned Kelly will be read about, viewed and discussed in detail.

LI123 Dreaming (S)

This unit will help students to develop effective reading strategies, a critical response to and understanding of Dreamtime stories and myths and legends from the outback. Students will build their literacy skills, especially in the area of telling stories to one another. We will look at the many picture books that are used to tell the stories of the Dreaming and the aboriginal people of Australia. Stories from other indigenous groups may also be explored.

LEVEL TWO

LI203 Print to Screen (S)

Thirty percent of movies today are based on novels and a majority of bestsellers are adapted to the big screen. Why? Are a films 'true' to the original? Which is better the movie or the book? What are the differences? How does the printed word translate to a visual image? Does literature still matter? Do we need both? This unit will deal with a number of texts which have been released in print and film and will assess and evaluate each. You be the judge!

LI223 It's not a cartoon, it's ANIME (S)

This unit focuses of developing reading strategies and personal responses to Literature and an understanding of how themes and ideas in texts comment on individual and social experiences. The

popularity of Japanese anime is increasing worldwide. This unit introduces students to this contemporary form and compares it against classical American / European forms of animation. This unit will be interactive, while it builds a rigorous understanding of the medium of anime through its history, its artists, its conventions and as a cultural product.

LI225 What a Drama (S)

This unit focuses on developing reading strategies and personal responses to Literature in the form of scripts and an understanding of how themes and ideas in drama are represented both through the written word as well as dramatic performance. Students will study a variety of scripts tracing the history and development of the theatre from Ancient Greece through to modern times. Whilst this unit lends itself to students with an interest in drama, a previous background or current involvement in the subject Drama is not essential.

LI221 Winds of War (S)

War has a lasting impact on all those who experience it. Survivors, their families and those left behind express their attitudes and feelings towards war by writing about it; presenting their viewpoints in song, poetry, short stories, novels and films. In this unit students will analyse the literary qualities of a variety of war texts, consider the context in which they were created, the purpose they were produced for, as well as comparing them to other works representing war and its effects.

EN201 English for Life (*via invitation only*) (S)

This subject has been specifically designed for students not wishing to follow a VCE or University pathway, focusing on the skills needed to transition into adulthood and the workforce. Students will build their literacy skills, especially those concerned with giving and receiving instruction, expressing thoughts and ideas clearly, completing written documents accurately, and questioning and answering techniques. Texts studied will have a vocational, practical or student-interest focus.

Outdoor Education, Health and Physical Education

LEVEL ONE

HP116 Fair Call (T)

Was it in or was it out? Is the umpire always right? How would YOU go playing a game like Ultimate Frisbee where the players umpire themselves, and everyone agrees with the decision? Also you'll get a chance to umpire minor games and develop your skills and confidence as an umpire. There will also be fitness work and the opportunity to develop your own major game skills. This subject will also run a theoretical session each week with a focus of mental health in sport.

PE114 Shake, Rattle and Roll (T)

This is a different physical education unit which emphasises movement and control of the body. This will be taught via dance, gymnastics and other movement systems such as general fitness training, Yoga, Pilates, Tai Chi etc. there will be individual and group work, strength and flexibility training and movement to music. Although not specifically a games based unit, games may be used from time to time.

OE114 Wheels and Knots (T4)

In this unit students will study and perform specific techniques around bike safety to promote the development of positive attitude to safe cycling, while building a connection with the natural environment. The unit will also allow students to develop skills and knowledge required to operate small boat yachting activities and understand the risk associated with recreational water activities. The subject

will have a both a practical and theory based element embedded within it, to assist with the application, transfer and refining of the technical skills learnt through-out the subject. The approximate cost for this unit is +\$200 (this costing is only an approximate and is subject to change).

LEVEL TWO

PE214 Sport Science Biomechanics (T)

In this unit students will study Sport biomechanics studies the effects of forces and motion on sport performance. Using laws and principles grounded in physics that apply to human movement, athletes and coaches can make sound decisions for developing efficient sport techniques. Analyse sport movements, Select the best training exercises, Reduce or prevent injuries, Design or choose the sport equipment that best matches athletes' personal needs. Maximize economy and efficiency of movements while participating in a range of sports.

PE213 Sports Leaders (T)

This unit is based on learning the skills of coaching; organisation of recreational activities; and improving personal performance. It also involves developing leadership qualities which can be demonstrated both in sports settings and in general life. It is a challenging and exciting unit from which students will gain confidence and expertise in the mentioned areas.

HP213 The Ball's in Your Court

The aim of the unit is for students to increase their understanding and appreciation for the benefits of regular physical activity. Skill development and strategic play for major games (touch footy, hockey, basketball, and soft cross), and fitness work, will be covered. Students will also be involved in peer coaching and umpiring throughout the term. In this unit, students will develop their knowledge in the areas of drug education, mental health, sexual education and nutrition

OE214 Rapids and Ridges (T4)

In this unit student will focus on motivations for participating in outdoor activities, technological advances in equipment and how this has impacted on participation over time. Students will have a focus on risk in recreational activities and will break down skills required to participate in White Water Rafting and Downhill Mountain Biking. Activities include 2 Day White-water Rafting Trip and two 1 Day Mountain Biking Excursions. \$400 (this costing is only an approximate and is subject to change).

HUMANITIES

LEVEL ONE

BE140 The Real Game (T)

Roll up, roll up, in this unit we are playing the Game of Life! That's right. You can choose your dream career, buy a mansion, live on the beach, drive a sports car, go on a shopping spree in Paris, and so much more. When you play this game, you make all of the decisions... and you live with them.

BE143 Hey Big Spender (T)

Are you sure you want to buy that? Is your boss even allowed to say that? In this unit, you will learn about your rights both as a consumer and an employee. You will learn how people and businesses grow their money by working responsibly, setting achievable goals and making smart decisions.

CV148 You're the Voice (T)

Is it possible to get along with people that are different to you? In Australia, we say that we believe

in the idea of a 'fair go', but how does that actually play out in our society? This unit explores what it means to be a citizen in Australia, what diversity looks like, how people express their identity, and how this influences our perception of others and our sense of belonging.

CV147 Informed Citizens, Active Choices (T)

Voting. Why bother? Liberal, Labor, One Nation, the Greens. Who even are they? How do I find out if they share my beliefs? In this unit, you will learn how to get involved in Aussie politics and the freedoms that we have. There's a lot more to it than democracy sausage sizzles!

LEVEL TWO

BE244 The Enterprising Workplace (T)

Do you have what it takes to be the boss? The business and work environment across the world is rapidly changing. Businesses are trying to remain relevant and competitive, and people are moving away from working traditional hours. So... how can you make the most of this? In this unit, you will learn about decision making, leadership, innovation and enterprising behaviour from both a business and workplace perspective.

CV249 You be the Judge (T)

Justice. What does it even mean? Why is it important? And how do we know if we have achieved it? In this unit, you will learn about Australia's justice system. You will investigate our current international obligations and how they shape our laws. You will explore how courts interpret the law and if that works to resolve disputes. You will understand happens when the media gets involved, and how this impacts the pursuit of justice.

HI225 The War Zone (S)

Did you know that video games like Call of Duty and Assassins Creed were inspired by real life wars? World War One and World War Two have shaped the world that we live in today, and it is these wars that we will learn about in detail. In an exciting and thought-provoking semester, we will examine the role of the ANZACs, study significant people such as Adolf Hitler, investigate the atrocities caused during the Holocaust, and question the dropping of the atomic bombs on Hiroshima and Nagasaki.

LOTE (INDONESIAN)

LEVEL ONE

LT121 Speak & Write Indonesian (T)

Students will develop listening and speaking skills, focusing on language needed to ask for and give directions, make plans, give and accept invitations and discuss interests. Writing of letters and extended pieces will be introduced.

LT123 Indonesian Media (T)

This unit will focus on Media Freedom in Indonesia. Examples of Television, radio and newspaper. How free is the Indonesian Press in 21st Century? How does media ownership affect journalists and audiences? To what extent are media watchdog effective? How will digital technology shape the future of Indonesia?

LT124 Indonesian Culture (T)

This unit will focus on Indonesian cultural artefacts, using these as a means of deciphering the language of Indonesia and how this links with both traditional and popular culture.

LEVEL TWO

LT221 / LT303 Indonesian Expression (T)

Knowledge of more complex language structures and dictionary skills will be developed throughout the course of this unit. Students will conduct questionnaires and surveys on a range of topics such as sport, fashion, films and music

MATHEMATICS

LEVEL ONE

MA172 Statistics, Number and Measurement (L7) (S)

This unit is a Level 7 Math's; it will focus on general number skills including fractions and decimals, powers, squares and reciprocals. In addition to an introduction to algebra, students will engage in an elaboration of statistics including a major project based on a survey.

MA182 Statistics, Money and Geometry (L8) (S)

This unit is a Level 8 Math's: it continues to focus on more advanced number skills including powers, squares and the development of the index laws. Students will study circles, developing an understanding of pi and the area and circumference of circles. They will complete a statistics based project, and further their understanding of equations and graphs and algebraic processes.

LEVEL TWO

MA292 Statistics, Geometry and Linear Graphing (L9)(S)

This unit is a Level 9 Math's; Students further explore algebra through equations and graphs, continue to learn processes for algebraic manipulation, and start to develop concepts of trigonometry. They complete a project using formulae for surface area and volume of 3 dimensional shapes.

MA212 Statistics, Geometry and Non-Linear Graphing (L10) (S)

This unit is a Level 10 Math's; it is designed to consolidate skills essential for success in the Year 11 General Maths course. These include fluency in the use of measurement formulae (area and volume, Pythagoras and Trigonometry); univariate and bivariate data; understanding of coordinates and scale; algebraic manipulation and solving equations.

SCIENCE

LEVEL ONE

SC100 Design Your Own Experiment (T)

The focus of this unit is to develop scientific thinking strategies. Students will learn the scientific method and apply it directly to an experiment of their own design. Specific ways of answering questions will be explored and how science goes about answering questions will be used to investigate questions that are developed by the students. Practical experiments will be written up in standard scientific format and one experiment report will be created as a poster for display.

SC141 Biology on Earth (S)

In this unit, students will examine the relationship between structure and function at a cellular level, an organ level and a body system level in a variety of living things. They will gain knowledge of how living things can be placed into appropriate groups based on various characteristics of the organisms and how these groups are similar and different from one another. Food webs in a variety of ecosys-

tems will be studied and modelled as representing the flow of energy through natural systems. The effects of disruption of food webs on ecosystems will be examined.

Students will look at how predictable phenomena on Earth, including seasons and eclipses, are caused by the relative positions of the Sun, Earth and the Moon along with the differences between renewable and non-renewable resources. Students will also explore the water cycle and how sedimentary, igneous and metamorphic rocks contain minerals and are formed by processes that occur within Earth over a variety of timescales

During this unit students will undertake a variety of experimental activities and get the chance to design, undertake and analyse the results of their own experiment.

SC115 Physics / Chemistry (S)

In this unit students will examine matter, the states it may take and the way scientists explain this using a particle model of matter. The history of the development of some fundamental concepts in chemistry will be examined, and students will investigate how our theories of matter have changed over time. They learn to differentiate chemical changes from physical changes and gain experience in making detailed observations of chemical changes. The concept of chemical energy as a type of potential energy will be introduced and students will have the chance to undertake experiments involving the transfer and transformation of energy.

Students will look at how change to an object's motion is caused by unbalanced forces acting on the object, how energy appears in different forms including movement (kinetic energy), heat, light, chemical energy and potential energy, how devices can change energy from one form to another and the properties of light and sound.

They will also investigate the importance of these chemical energy transformations to our daily lives. Students will have the opportunity to design, perform and analyse the results of their own simple chemical experiments.

SC105 Basic Ecology (T)

This unit will explore the structural features of living things and how these features help organisms survive in their environments. Physical adaptations allow organisms to exploit particular micro-habitats. Communities of interdependent organisms within ecosystems will be studied as well as the abiotic components of the environment. Students will describe natural physical and biological conditions, and human influences in the environment, which affect the survival of living things.

LEVEL TWO

SC220 Discover Biology (S)

This unit could be chosen as an introduction for those considering VCE Biology. The unit will look at cells, how they work and what they do. Also, how they operate in systems to maintain our body within limits that allows us to live and reproduce. The cell, as a basic unit of life, will be explored in detail looking at the variety of cell types and functions. How cells interact with their environment to maintain organisms will be investigated with focuses on osmosis and homeostasis. Some basic ecology will be explored.

SC287 Chemistry / Physics (S)

In this unit, students will examine our current knowledge of the structure of the atom. The history of the development of models of atomic structure will be studied. The structure of the periodic table, the principles by which it is organised and why it is such an important document will be examined. Students will learn about the properties of elements and how these properties are reflected by the element's position on the periodic table. The factors that influence the rates of chemical reactions will be discussed and students will learn how to write balanced chemical equations to represent chemical reactions. Students will also have the opportunity to learn what makes certain elements radioactive

and the types of radiation that can be emitted from the nuclei of radioactive elements. Students will get the opportunity to undertake a variety of experiments and develop their ability to represent data appropriately, analyse results and communicate their experimental findings in an appropriate way. Students will also investigate and analyse the concepts of energy conservation, energy transfer and energy transformations as they apply to physical systems. They will learn how to construct qualitative and quantitative explanations of the ways forces affect motion. Students will also study fundamental concepts related to electricity and electrical circuits such as current resistance and voltage and will get the chance to construct their own simple electrical circuits.

Students will get the opportunity to undertake a variety of experiments and develop their ability to represent data appropriately, analyse results and communicate their experimental findings in an appropriate way.

SC294 A Renewable World (T)

This Earth science unit will cover science skills, specifically looking at critical and creative thinking. Some of Earth's resources are renewable, but others are non-renewable and how humanity uses these resources in the future will have a profound effect on our evolution and survival. This unit explores how scientific understanding, including models and theories, are contestable and are refined over time through a process of review by the scientific community. It will also look into how advances in scientific understanding often rely on developments in technology and technological advances are often linked to scientific discoveries. Students will also consider how the values and needs of contemporary society can influence the focus of scientific research.

SC200 Designing Your Own Experiments (T)

The focus of this unit is to develop scientific skills associated with planning, conducting and reporting on an experiment. Students will consult and synthesise secondary data when planning their investigation and obtain primary data through their own investigations. Students will apply the scientific method directly to an experiment of their own design. Practical experiments will be written up in standard scientific format and one experiment report will be created as a poster for display.

