
RECORD OF SCHOOL ACHIEVEMENT

To satisfy Board of Studies requirements for the award of a Record of School Achievement (RoSA), a student must complete before the end of Year 10:

- English, Mathematics, Science, Personal Development, Health and Physical Education, Australian History and Australian Geography
- A choice from elective subjects as described
- Mandatory experiences in Music, Visual Arts, Technology and LOTE (these were covered in Years 7 and 8)

In Year 10, students will also complete careers and work education.

Grades (A, B, C, D or E) for the School Certificate are allocated to the performance of students in all courses completed. Students will gain credit for all courses completed in Years 9 and 10.

Elective Subjects

At Davidson High School Year 9 students study 2 elective subjects and two Critical and Creative Thinking courses, each for one semester. Students will continue with their electives into Year 10 and select a new critical and creative thinking course that will be studied for the duration of the year.

As students are required to study their two elective courses for 200 hours (ie for 2 years) it is important that decisions are made very carefully as they are generally binding from the start of Year 9. Only in exceptional circumstances will a change be possible early in Year 9. This also applies to the selection of Critical and Creative Thinking courses.

Students who intend to proceed to the Higher School Certificate will be choosing courses again for Year 11. While it may be helpful to have studied some of these subjects in the junior school, it is not necessary in most cases.

When choosing elective subjects for the School Certificate students should ask FOUR questions:

1. Which subjects do I enjoy most?
2. Which subjects do I do well in?
3. Which subjects interest me?
4. Which subject may equip me for a future career?

NOTE: When the subject selection forms are returned, an assessment is made of the possibilities of forming classes to meet the pattern of choices by students. If the number of students wanting a particular elective subject is not sufficient to form a class, then second preferences will be considered.

There is no guarantee that the subjects you choose will run for two years. Some might only attract enough students to run for the one year. Some courses may not run at all. Courses will be run only on the basis of the numbers of students choosing each course and availability.

Subsequently some students may be offered a course which is not their first preference. Some courses incur a course cost or fee. These amounts must be paid at the beginning of the year if students wish to enrol in these courses. There are ample courses for which no fees are required. Parents should either pay the amount specified for the course or contact the Principal in writing, requesting help from the Student Assistance Scheme.
SUMMARY OF ELECTIVE SUBJECTS OFFERED

Creative Arts KLA
- Drama
- Dance
- Music
- Visual Arts

Human Society and Its Environment (HSIE) KLA
- Commerce
- Geography Elective
- History Elective

Languages Other than English (LOTE) KLA
- Italian
- Japanese

Personal Development, Health and Physical Education (PDHPE) KLA
- Physical Activity and Sports Study (PASS)

Technological and Applied Studies (TAS)
- Food Technology
- Graphics Technology
- Industrial Technology: Automotive
- Industrial Technology: Multimedia
- Industrial Technology: Timber
- Textiles Technology

21st Century Skills
- Telling Stories
- Young Inventors
- Introduction to Journalism: The Buzz
- Powerful Advertising
- Marine and Aqua Technology
- Podcasting Radio Plays
- Product Design
- Globe Trotters
- Sleek Geeks
- Fitness Industry
- Potter About
- Behind the Scenes
- Mask It
- You Are What You Eat

Students are only able to study two courses in the subject area of Industrial Technology.
MANDATORY SUBJECTS

ENGLISH

Over Stage 5, students must read, listen to and view a variety of texts that are appropriate to their needs, interests and abilities. These texts become increasingly sophisticated as students move from Stage 4 to Stage 5.

Students will undertake the essential content and work towards course outcomes through close reading of, listening to or viewing the following:

• Fiction—at least two works
• Poetry—a variety drawn from different anthologies and/or study of one or two poets
• Film—at least two works
• Nonfiction—at least two works
• Drama—at least two works.

The following specifications may be fulfilled through the required types of texts outlined above and/or through other texts.

In each year of Stage 5 students must study examples of:

• Spoken texts
• Print texts
• Visual texts
• Media, multimedia and digital texts.

Across the stage, the selection of texts must give students experience of:

• Texts which are widely regarded as quality literature
• A widely defined Australian literature, including texts that give insights into Aboriginal experiences in Australia
• A wide range of literary texts from other countries and times, including poetry, drama scripts, prose fiction and picture books
• Texts written about intercultural experiences
• Texts that provide insights about the peoples and cultures of Asia
• Shakespearean drama
• Everyday and workplace texts
• A wide range of cultural, social and gender perspectives, popular and youth cultures
• Texts that include aspects of environmental and social sustainability
• Nonfiction, picture books, graphic novels
• An appropriate range of digital texts, including film, media and multimedia

PERSONAL DEVELOPMENT, HEALTH & PHYSICAL EDUCATION

PDHPE provides the opportunity for young people to explore issues that are likely to impact on the health and wellbeing of themselves and others, now and in the future. The issues that affect young people include physical activity, mental health, drug use, sexual health, nutrition, supportive relationships, personal safety, gender roles and discrimination. Health issues that have the potential to appear in later life are also relevant due to their relationship to lifestyle patterns established in adolescent years. PDHPE also plays a key role in promoting physical activity and developing competency in movement skills.

Learning in PDHPE encourages young people to take a positive approach to managing their lives and equips them with skills for current and future challenges.
MATHEMATICS

Students in Stage 5 continue to develop knowledge, skills and understanding in each of the three strands of mathematics studied in Stage 4:

- Number and Algebra
- Measurements and Geometry
- Statistics and Probability

Working mathematically is integrated through the strands allowing students to develop Problem Solving skills. In Stage 5 there are three courses of study 5.1 (basic), 5.2 (intermediate) and 5.3 (advanced) and students are placed according to their ability and diligence demonstrated in Stage 4. Minor adjustments are made when it becomes obvious a student is in the wrong course.

It must be emphasised that successfully completing Stage 5 is critical in establishing a sound foundation of knowledge and skills necessary to undertake the senior courses in Stage 6. Those students wishing to undertake any mathematics course in Years 11 and 12 must have successfully completed the 5.2 or 5.3 courses. The 5.1 course puts students on a Non-ATAR path with General 1 and No Maths being the only options. Students who choose a course that is appropriate for their skill level will usually find a smoother transition into their senior years. Teachers and careers advisers will advise their students of the most suitable course in order to maximise their prospects in the HSC examination.

SCIENCE

In Stage 5 Science, students continue to develop their skills, knowledge and understanding. The study of Science aims to develop students’ interest and enthusiasm for Science, as well as an appreciation of its role in finding solutions to problems and issues.

Working scientifically builds students experimental skills. Students use scientific inquiry to develop their understanding of science ideas and concepts, as well as the importance of using scientific evidence to support their findings. They will pose questions to investigate and plan and conduct investigations individually and in groups, collecting valid and reliable information. Students will also process, analyse and evaluate information from primary and secondary sources and communicate this understanding of scientific knowledge.

The content strands of the Physical world, the Chemical world, the Living world and the Earth and Space are covered through the investigations undertaken in class and at home.

Students must complete a significant student research project in Stage 5 Science. This will allow students to exercise their creativity and practise the scientific skills they have developed through their studies.

AUSTRALIAN HISTORY, CIVICS AND CITIZENSHIP

The study of history in Years 9 and 10 builds on the skills of Years 7 and 8 that seek to develop informed and active citizens of the future. Students examine the major developments in Australia’s political, social and cultural history and the changing relationship between Australia and the rest of the world during the 20th century. They identify various marginalised groups who have struggled for rights and freedoms and explore the experiences of Australians in two world wars during interwar and postwar periods. The impact of the Vietnam war on Australia is examined.

Through the insights and understanding gained from a study of history, students are challenged to consider their rights and responsibilities and the contribution they can make in a civil society. The subject provides a frame of reference that students use to think critically and to develop informed opinions about contemporary national and international issues.
AUSTRALIAN GEOGRAPHY, CIVICS AND CITIZENSHIP

Through its unique spatial dimension, geography enables students to identify and analyse the physical, social, economic, political, legal and technological factors that influence where things are and why they are there. Its ecological dimension enables students to identify and analyse how humans interact with environments. Culture is a key determinant of people’s world view. A knowledge and understanding of different cultures and perspectives enhance our understanding of the world.

The study of geography prepares students for adult life by developing in them an informed perspective on local, regional, national and global issues. In so doing, it forms a basis for active participation in community life and a commitment to ecological sustainability, a just society, intercultural understanding, informed and active citizenship and lifelong learning.

ELECTIVE SUBJECTS

DANCE

Dance is a distinct form of non-verbal communication, which uses the body as an instrument of expression articulating the culture and society from which it emerges.

Students develop knowledge, understanding and skills about Dance as an artform through:

- Performance as a means of developing dance technique and performance quality to communicate ideas
- Composition as a means of creating and structuring movement to express and communicate ideas
- Appreciation as a means of describing and analyzing dance as an expression of ideas within a social, cultural or historical context

Learning in dance is spiral in nature, incorporating earlier stages and building on itself.

Essential content includes such aspects as:

- The performance of dance skills
- The capabilities and limitations of the body
- Basic anatomical principles and considerations
- Safe dance practice
- Dance terminology
- Stimuli for movement
- The elements of movement — the dancing body, the elements of dance and relationships
- Composing movement in sequences — exploring, analyzing, discussing, reflecting on and refining movement phrases
- Describing how the body is used in space, time and dynamics in performance and composition
- Personal impressions of dance works
- Describing connections between sample works and their own performance and composition work.

Course fees: $40 per year

DRAMA

So you think you can act?

The drama syllabus caters for a wide variety of skills and abilities. In this course students will study vocationally relevant skills while also learning to appreciate drama as a performing art.
Areas of study include:

Making development of skills and techniques used to create dramatic presentation
Performing preparing performances for different audiences
Appreciating development of analytical skills relating to the practical aspects of drama and an understanding of the socio-historical context of theatre.

Course fees: $55 - Year 9
$60 - Year 10

MUSIC
This course is aimed at introducing students to the fundamentals of music through experiences in performing, composing and listening. Students will be encouraged to respond to music personally, through a wide involvement in music activities.

These will include
• experiences in performing, creative expression and listening
• opportunities to experiment with sounds and learn music terminology
• experiencing and evaluating music of many different styles
• assistance and encouragement to express their own musical ideas through original compositions and arrangements
• opportunity to openly discuss the meaning and value of music in our society.

Students will be encouraged to begin and or continue with lessons on the instrument of their choice and to extend their skills and explore their creative potential in composition.

Course fees: $50 per year

VISUAL ARTS
The visual arts are not taught solely for the purpose of producing artists or designers. With the growth of technology, visual images are playing a more significant role in our world. Through the study of Visual Arts students build conceptual, practical and critical skills that empower them to engage in contemporary forms of visual communication.

When students study visual arts they learn to:
• Think and act creatively.
• Express and communicate their ideas and feelings.
• See in a new way.
• Understand and appreciate past and present cultures.

Course Content
In this course students make and study various creative forms, including; drawing, painting, sculpture, graphic design and digital photography. Photography and digital media is incorporated as a component of the visual arts elective and is not offered as a separate course in Years 9 and 10.

The course content is organised into three broad areas as it connects with ‘artmaking’ and ‘critical and historical
studies’. Through the areas of ‘art practice’, ‘the frames’ and ‘the conceptual framework’, students learn to give form to their ideas and experiences.

**Artmaking.** In artmaking students use a variety of styles, materials and techniques to explore a range of ideas and interests in at least two forms of art. These forms may include 2D and 3D forms. Students are required to use a visual arts process diary (VAPD) to explore ideas and record their artmaking process.

**Critical and Historical Studies.** In critical and historical studies students learn about various artists and their work. Through these studies students develop critical skills by learning to interpret and evaluate artworks and learn to understand the style, meaning and purpose of Art and Culture in the context of place and time.

It is recommended that in the elective course:

60% of time should be dedicated to artmaking and

40% of time should be dedicated to the critical and historical studies.

**Course fees:** $90

**COMMERCCE**

**Core Topics**

1. **Buyer beware**

Students learn how to identify, research and evaluate options when making decisions related to issues that confront consumers such as, choosing where to buy a product, payment choices and comparison shopping.

2. **Making money work for you!**

Students develop skills that will assist them to achieve financial independence by developing the ability to make informed judgements regarding the use and management of money. They will investigate ways of earning an income, spending and saving money as well as borrowing and investing income.

3. **The law and you**

Students learn about the legal system within Australia to develop their understanding of the law. They will study how laws are made and their justification as well as the functioning of the legal system and courts.

4. **To work or not to work**

Students undertake investigation into the concepts and realities of work in today’s society. Topics such as types of employment as well as the benefits of education and training are studied.

**Option Topics**

- Buying a car
- Marketing and selling
- Who wants to be a millionaire?
- Running a business
- The world around us
- Active citizenship
- The right to vote

**There are no fee costs for this course.**
ELECTIVE HISTORY

Do you enjoy solving mysteries, forensics and getting your hands dirty?
What about exploring humankind’s ugly side?
Sorting fact from fiction?
If you answered “yes” to any of these questions then this course is for you.

History’s Mysteries

This 200-hour journey in elective history includes investigations into various eras that have shaped the world we live in. Students will have the opportunity to learn about ancient civilisations, the medieval world and events from modern times, while developing ‘detective’ skills by working with sources and putting the pieces of the historical ‘puzzle’ together. Students will also learn to make judgements, based upon actual historical evidence and present a convincing argument.

Examples of units of work that students may cover in their journey through time include an exploration of crime and punishment throughout the ages as well as the opportunity to solve some of the world’s most baffling events such as the Azaria Chamberlain case. Students will also have the opportunity to see how film has been used to portray historical personalities and important events and decide how close to the ‘truth’ film makers come and whether or not they have an obligation to tell it as it happened. Other topics that may be studied include famous historical figures, the Trans-Atlantic slave trade, genocide and the Aztecs.

There are no fee costs for this course.

ELECTIVE GEOGRAPHY

Destructive Geography

Learn about the awesome power of Mother Nature and her ability to deliver death and destruction on a monumental scale. This course examines the terrifying forces of earthquakes and volcanoes, the ravages of tropical cyclones and the sinister beauty of a twister. Experience the horror of the Thredbo landslide and discover whether Sydney could be hit by a tsunami.

A World in Conflict

Our nightly news screens are filled with stories of tension and conflict that have plagued our world for centuries. Issues such as the breakdown of the Soviet Union, turmoil in the Middle East and asylum seekers in Australia, contribute to the need for international cooperation and understanding. The course aims to examine the nature and distribution of such issues and consider possible strategies to resolve these differences.

Global Inequality

Students learn about the inequality around the world based upon a range of indicators. Countries from all continents are analysed socially, politically and economically and then compared to determine their global status. As many nations around the world are unable to provide for themselves or have been ravaged by human or natural disasters, what role do those developed nations play in assisting them. Issues relating to foreign aid, international organisations who provide and distribute aid and sustainability are discussed as well as the concept of being an active global citizen. This section of the course provides students with an opportunity to place their country and lifestyle into a global context.

There are no fee costs for this course.
ITALIAN

Italy is famous for so many things: fashion, food, art, history, sport, music as well as the beauty of its language and the friendliness of its people. This course will explore different areas of Italian culture and language, building on what was learned in Year 8. Students will use fun, educational software and language learning websites to develop listening and reading skills. Italian cinema and cooking will also play a part in the course. There is the possibility of a trip to Italy, student exchanges, as well as an excursion to Italian-speaking parts of Sydney, such as Leichhardt.

Communication skills are the basis of this course and will be taught through topics and real life situations, including:

- health & fitness
- leisure activities and holidays
- making friends and meeting people
- shopping and Italian fashion
- school life

Extension work will be offered to those who want to attempt more challenging studies.

Australia has many immigrants who have brought Italian culture and delicious food to this country. Learning Italian will improve literacy in English and provide opportunities to gain a broader understanding of the world. Students with an Italian background will be able to improve their level of language, so that they can keep ties to their heritage and understand more about Italian traditions and culture.

Most students who choose Italian in Year 9 will have completed Year 8 in this language but students who have not studied Italian before may be considered.

Assessment for Italian Courses:

Assessment is on-going and is based on class work, regular vocabulary quizzes and tasks in the areas of speaking, listening, reading and writing.

Course fees: $40

JAPANESE

Japan is a country rich in history and tradition. Renowned for its food, fashion, arts, crafts, traditional sports, martial arts and much more. It is also an extremely high tech society, making advances far beyond that of some other countries. All this combined makes the study of Japanese a unique and interesting experience.

The study of the Japanese language provides access to one of the global community’s most technologically advanced societies and economies. Japanese is identified as a priority language in the Asia Pacific Region.

Inter-cultural awareness, improvement in literacy, vocational opportunities and international friendships are all generated by the study of a language and particularly Japanese.

Students who study Japanese at Davidson High School will have the opportunity to participate in various excursions and celebrate many festivals. They will have the means to establish strong international relationships with students from Morioka Chuo High School and Okayama Gakuen High School, our sister schools. Our students only need to step outside their classroom door to practise what they have learnt in the classroom that day as we have a wonderful resource in our ICET students and some of our teaching staff.

The study of Japanese would not be the same without some hands on cooking and food sampling.

Students are also approaching the age where a number of different exchange programs to Japan are on offer and students have the opportunity to experience first hand what they have studied in the classroom.

The coursebook used is the Hai series which is a lively and practical course. The topics covered include Family Life, Likes and Dislikes, Daily Routine, Food and Drink, School Life and more. Students will gain greater inter-cultural understanding by comparing life in Japan to that of their own world.
The areas of assessment are speaking, listening, reading and writing. Assessment in these areas is ongoing and is based on classwork, vocabulary/ script quizzes, topic tests and assignments.

Course fees: $40

PHYSICAL ACTIVITY & SPORTS STUDIES
CONTENT ENDORSED COURSE
This course incorporates a wide range of physical activities such as recreational and leisure pursuits, competitive and non competitive games, fitness activities and the use of sport as a form of therapy.

The aim of this course is to enhance students’ capacity to participate effectively in physical activity and sport, leading to improved quality of life for themselves and others.

Students will also develop an understanding of the importance of physical activity for well-being and develop personal skills such as interactions with others. Areas of study include Foundations of Physical Activity, Physical Activity and Sport in Society and Enhancing Participation and Performance.

Topics include Physical Fitness, Movement Skill Development, Australia’s Sporting Identity, Coaching Techniques in a variety of sports and activities.

Topics studied in the second half of the course include Physical Activity for Health, Nutrition, Issues in Physical Activity and Sport, Strategies for Improving Performance, Technology and Performance, Sports Event Management.

In order to complete the practical components of this course off the school campus, there is a compulsory fee of $80.00 per semester ($40.00 per term) in Year 9 and $100 per semester ($50 per term) in Year 10.

TECHNOLOGY & APPLIED STUDIES (TAS)
The TAS KLA offers a range of subjects for students interested in exploring the areas of technology, designing and making.

The subjects offered develop a student's ability for innovative and creative thought through the planning and production of design projects related to real-life needs and situations. The design and development of quality projects gives students the opportunity to identify needs and opportunities, research and investigate existing solutions, analyse data and information, generate, justify and evaluate ideas, and experiment with tools, materials and techniques to manage and produce design projects.

FOOD TECHNOLOGY
Food Technology provides students with a broad knowledge and understanding of food processing, preparation and nutrition. It addresses the importance of hygiene and safe working practices in the production of food. This course provides for the development of relevant and meaningful learning experiences.

This knowledge and understanding is fundamental to the development of food-specific skills, which enable students to produce quality food products.

Students develop practical skills in preparing and presenting food that will enable them to select and use appropriate ingredients, methods and equipment.

Students develop team work and become competent in solving problems in food related situations.

Over the two years students will study the following units;
**Food in Australia**

Students investigate how Australia’s food habits have evolved over the last 100 years and the factors which have brought about change.

**Food selection and health**

Knowledge of nutrition is integral to making healthy food choices. Students will examine the nutritional components of food, the impact of food consumption on nutrition and explore ways of meeting nutritional requirements to maintain optimum nutrition.

**Food trends**

Students will examine current food trends and explore factors that influence their appeal and acceptability.

Students analyse trends in eating habits such as the consumption of vitamin waters and processed foods and they investigate their impact on health and well being.

**Food for special occasions**

Students will explore a range of special occasions including social, cultural, religious, historical and family, and examine the elements of small and large scale catering. They will plan and prepare a children’s party as well as a two course meal.

**Food service and catering**

Students will examine food service and catering ventures and their operations across a variety of settings and investigate employment opportunities. Students will plan and prepare safe and appealing foods appropriate for catering for small or large scale functions.

**Food for special needs**

In this unit students develop an understanding of diet related diseases and the impact nutrition has on health. Students will investigate current diet related disorders and examine current diet trends.

**Food product development**

Students investigate recent food product development by taste testing food and manufacturing their own unique food products.

**Year 9 Course fees:** $150  
**Year 19 Course fees:** $150

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**GRAPHICS TECHNOLOGY**

With Digital Media rapidly becoming the norm in today’s communication, anyone who aspires to work in the creative and/or communication industries needs the basic understanding in graphics media.

Students will start with a general understanding of graphical software processes, presentation and produces to the relevant medium.

Students at Davidson engage in both manual and computer-based forms of image generation and manipulation. They develop knowledge of the wide application of graphics in a variety of contexts and an ever-increasing range of vocations. Davidson students interpret, design, produce and evaluate a variety of graphical presentations such as:

- Adobe Illustrator
- Adobe Photoshop
- Adobe InDesign
- CAD/ Google Sketch Up

The course will be project based with minor and major projects to submit throughout the year.
Current Projects in Year 9 include:

- “Magazine Mania”: Publishing a magazine in Adobe In-Design
- “Bauhaus Beach House”: Model construction, floor planner and real estate brochure design
- “Montage Madness”: Digital SLR photography and Photoshop manipulation.

Current Projects in Year 10 include:

- “Cyber Re-styler: Designing a website
- “Me, Myself and I”: VectorV’s Pixel Project: Infographics and Photo distortion

The course is taught in a dedicated classroom that has Hi-end PC’s running Windows 7 64 bit with software packages including the Adobe Master collection CS6, Digital SLR cameras, Wacom Graphics Tablets, iPads and tripods are utilised.

Year 9 Course Fees: $80
Year 10 Course Fees: $80

INDUSTRIAL TECHNOLOGY

Students may study up to 2 courses based on the Industrial Technology syllabus. Courses offered in Industrial Technology include:

- Automotive and or
- Multimedia and or
- Timber

INDUSTRIAL TECHNOLOGY—AUTOMOTIVE

This course is an introduction to automotive mechanics.

Students will learn to:

- identify and know the function of the main parts of a motor car or motor bike
- explain the working cycles of 4 stroke, 2 stroke, rotary and diesel engines
- be able to dismantle and assemble 2 stroke and 4 stroke lawn mower motors
- perform basic maintenance tasks on a motor car
- Identify the various electrical and mechanical systems in a motor car
- be able to diagnose basic breakdown problem
- Be familiar with automotive registration requirements
- Understand the traditional, current and emerging technologies that relate to the automotive industry.

Practical automotive tasks and metalworking projects that have a relation to the automotive trade will also be produced by the students.

Students will produce/undertake

- A toolbox from sheet metal (Individual Metalwork project)
- A flat head screwdriver (Individual Metalwork project)
- A mechanics stool/slider (Individual Metalwork project)
- 2 Stroke powered Drift Trike (Group Metal/Auto project)
- Repair/restoration/modification of a motor vehicle (whole class project)

Year 9 course fees: $80
Year 10 course fees: $80
INDUSTRY TECHNOLOGY—MULTIMEDIA

This course comprising two core modules, provides a general introduction to multimedia and related industries.

Multimedia students learn through the production of quality projects. In Year 9 and 10 the students are introduced to many areas of the multimedia industry including:

- Film production/making (Adobe Premiere Pro)
- Graphic design (Adobe Photoshop, InDesign and Illustrator)
- Animation (Adobe After Effects, Stop motion, clay animation and 3D modelling)
- Web design (including Flash)
- Sound recording and manipulation

Current projects in Year 9 include:

- “Clayography”: Biography and Claymation combined!
- “The Photographic Alphabet”: Motion sequence and photography for Mimosa Primary students
- “Little, Big Shots”: Introduction to Film Making

Current projects in Year 10 include:

- “Tapping to Text”: Kinetic Typography Music Clip, Adobe After Effects
- “Animation Sensation”: Pivot man, Puppet tool, Flash and various other animation tools
- “Post Production and Visual Effects in Film”: Introduction to Adobe Premiere Pro

Students are required to develop the projects, showing all the planning and development phases of the project by the compiling of a portfolio.

Students will also study the basic workings of a computer and related technology to the multimedia industry.

This course is taught in a dedicated classroom that has Hi-end PC's running Windows 7 64 bit with software packages including the Adobe Master Collection CS6, audacity for sound production and Blender for an introduction to 3D modelling. Additional equipment, such as green screens, Digital SLR cameras, Wacom Graphics Tablets, iPads, tripods and 3D printer are utilised.

Course fees are used to contribute towards meeting some of the software needs.

Year 9 course fees: $80
Year 10 course fees: $80

INDUSTRIAL TECHNOLOGY—TIMBER

Industrial Technology—Timber provides opportunities for students to develop knowledge, understanding and skills in relation to timber through the construction of projects and the completion of assignments.

This includes cabinetwork and wood machining. These courses allow students to learn about hand tools, power tools, machines, timbers, processes and assembly techniques.

The safety of students is also considered through safety tests, demonstrations and discussions. Students are required to wear the correct footwear and clothing in the practical rooms at all times.

In Year 9, students study Core Modules 1 and 2, which is divided into two separate sections: cabinetwork and wood machining.

In cabinetwork students learn the basics of woodwork, mainly through the construction of projects such as – a wooden chopping board, breakfast tray and wooden jewellery box. Theory work and assessment tasks are also part of this course.
In wood machining students learn about wood turning through the construction of projects using the wood turning lathe. These projects include a serviette holder or salt and pepper shakers, and a small table. Theory work and assessments tasks are also part of this course.

In Year 10, students can elect to study cabinetwork or wood machining for the first half of the year. These projects include: a foot locker or hall stand for cabinetwork, and egg cups, bowl and pen & pencil set for wood machining. Theory work and assessments tasks are also part of this course.

For the second half of Year 10, students are able to design and construct a furniture project, using knowledge and skills they have previously learnt. The theory work for this course is the completion of a folio – designs, research, steps in construction, working drawings (plans), cutting list, costings, etc.

**Year 9 course fees:** $110  
**Year 10 course fees:** $110

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**TEXTILES**

**TECHNOLOGY**

In this course you will discover the world of textiles by exploring the properties, performance and uses of textiles in which fabrics, colouration, yarns and fibres are explored. Students will investigate the principles of design and develop confidence in the design and manufacture of textile items. They will investigate the work of designers and the influence of historical, cultural and contemporary perspectives on textile design.

Students will undertake textile projects from the 5 focus areas as well as a free choice item.

The 5 focus areas are:

- **Apparel:** including clothing and accessories  
- **Furnishings:** including cushions, bedspreads, quilt covers and lamp shades.  
- **Costume:** including theatre costumes, masks and fancy dress costumes  
- **Textile art:** including wall hangings, fabric based textile artworks and wearable design.  
- **Non apparel:** including book covers, toys, bags, umbrellas and tents.

In **Year 9**, students will complete a creative quilt, sleepwear/onesie and a textile art piece.

In **Year 10**, students will construct a corset/bustier, a costume of choice and finish the year with a free choice practical from any of the 5 focus areas.

Students will undertake project work that includes investigation, experimentation and documentation of design ideas and will make use of contemporary technology in their project work. Completion of projects is integral to developing skills and confidence in the manipulation and use of a range of textile materials, equipment and techniques.

**Year 9 course fees:** $80  
**Year 10 course fees:** $80

Your course fees also include textile consumables used for all testing and experimentation as well as some materials and patterns. Student will also be required to also purchase some of their own fabrics.
‘21ST CENTURY’ SKILLS

In today’s schools, 21st Century knowledge, understandings, skills and values must be at the heart of great teaching and inspired learning. Young people must develop a core of academic knowledge as well as the skills of working collaboratively and applying innovative solutions to problem solving. 21st Century Skills are the set of skills students need to succeed in learning, work and life in this century. To ensure success, students need both deep understanding of the major principles and facts in core subjects as well as the ability to apply this knowledge using a variety of skills. To be proficient in solving problems in our complex, fast changing world, students must become flexible, creative thinkers who can work well with others. Key skills that have been identified as essential are:

**Collaboration:**
Students are able to work effectively with diverse groups and exercise flexibility in making compromises to achieve common goals.

**Creativity:**
Students are able to generate and improve on original ideas and also work creatively with others.

**Communication:**
Students are able to communicate effectively across multiple media and for various purposes.

**Critical thinking:**
Students are able to analyse, evaluate, and understand complex systems and apply strategies to solve problems.

There is agreement amongst researchers that these skills of collaboration, communication, creativity and critical thinking are necessary and must be integrated into our classrooms. These skills are vital for everyone’s success in our times, and global competition, increased access to technology, digital information and tools are only increasing the importance of these 21st century knowledge and skills.

Davidson High School is accomplishing this by offering a different, exciting new approach to the curriculum. We are dedicating an elective line for the development of these skills using projects that staff are passionate about delivering. Through project based learning, students will investigate real world problems and design their own solutions. Students will use technology not just to access valuable content but also to create it. By working collaboratively, students will tackle big issues—in their communities and the larger world. Through effective teamwork, students will also hone important social skills, learn to respect diverse viewpoints and resolve conflicts peacefully.
FITNESS INDUSTRY
(PD/H/PE)

This course is for students who want to take their knowledge and understanding of the fitness industry to the next level. Participants in this course will undertake modules in various types of fitness training such as resistance training, plyometrics training, aerobic training and strength training. Students will also learn about the nutritional and dietary requirements for people undergoing a fitness training program and understand how to design meal plans and training sessions.

Course fees: $80 per semester

TELLING STORIES
(English)

It’s late. You’re home alone. You hear a noise downstairs and think it must be your parents getting home. Then you realise there’s no car in the driveway. You freeze, barely breathing, straining to hear. Is that it again? Could it be footsteps? Maybe the click of a lock? Or something worse? Frantically you run through all possible scenarios in your mind . . . . .

Sound familiar? Do you often find yourself dreaming up crazy ideas? Do you love telling stories? Your imagination is an incredible tool, able to transport you from your reality to anywhere you choose. If you love writing and have a big imagination, this is the course for you. Together we will explore different genres and styles of creative writing. This will be a practical course in which you will develop and refine your writing skills, experiment with different ways of using words to engage readers and ultimately work towards publishing your own polished piece of creative writing.

GLOBE TROTTERS
(HSIE)

This course is aimed at developing students’ cultural awareness about the world around them. As they ‘board the plane’ in Sydney, students will gravel around the globe investigating different customs, cultures and beliefs as well as investigating the physical environments of the places they journey to.

Students will not only refine their research skills, but will also develop their critical and creative thinking skills through a variety of projects they will work on throughout the course. Students will take on the role of a travel agent as they produce travel itineraries and brochures and will also work in teams to produce a short documentary, based on their research of different societies and various parts of the world. Although there are no formal fees for this course, there will be some costs throughout the year as students will also have the opportunity to sample various cuisines from different countries.

Course fees: $40 per semester
INTRODUCTION TO JOURNALISM: THE BUZZ

(Librarian)

So many amazing things happen at Davidson High School every week. ‘The Buzz’ will be a group of students who regularly report and publish information on these events to the school community through the website and an annual magazine.

Students must be passionate about writing and photography as their work will be published regularly for the Davidson High School community. This course will be a fantastic opportunity for students to be part of creating a memorable keepsake that will be valued by the whole school community.

Course fees: $20 per semester

POWERFUL ADVERTISING

(English)

How to be a critic: View, investigate and analyse the persuasive techniques used by creators of advertisements. How do they position your opinions, spending habits and understanding of the world through their masterful manipulation in the construction of texts? How do we, as responders create meaning about our world through our own filters of experience and values?

This course will look at the language of advertising and students will be given the opportunity to work collaboratively to brand a product and present it to a real world audience.

If you love your screen and want to understand the process of creating and communicating meaning, then this course is for you.

MARINE AND AQUA-CULTURE TECHNOLOGY

(Science)

Like getting your feet wet?

This course is for anyone who has an interest in the marine environment, enjoys looking into rock pools and wondering what those funny little things are. The study of this topic includes some understanding of the ecology and biology of the marine environment, plus an overview of safety around the sea and how to maintain equipment in the harsh conditions of the marine environment.

The course will involve a fieldtrip to a marine environment, such as a rock shelf or the Sydney Aquarium to do a “hands on” biological assessment of both the variety and population of intertidal marine life. Students may investigate: How does marine life survive in the pounding waves? What sticks them to the rock? Why can’t we make glue that good?

Course fees: $60 per semester
PODCASTING RADIO PLAYS
(CAPA)
This course is aimed at teaching students how to create an original radio-play. Students will use laptops to create a podcast for playback or to listen to online.

In this course, students will
• Learn how to write a horror story
• Access special effects from the web
• Learn production, performance, research and technical skills through the use of Audacity
• Learn to manage projects—timelines, roles
• Learn how to introduce dramatic elements of focus, tension, role/character and narrative into their work
• Develop ICT skills and script writing skills

Course fees: $20 per semester

PRODUCT DESIGN
(TAS)
Product Design involves the creation, designing, refining, producing and marketing of a solution for the modern economy. It can involve design development as well as physical products. Currently in Stage 5, it is limited to wood and metal products including small scale designs and storage solutions. Students will have the opportunity to also design and produce a prototype using a 3D printer and computer aided design.

The project based course will require students to work independently and to a high level. It will be both demanding and rewarding, with constant deadlines but achieving outcomes at a high level.

The course aims to equip and develop students with basic entrepreneurial skills, giving insight into the world of business and the manufacturing and creative industries. Creative and critical thinking is the core development of the course where students will learn to solve and overcome everyday design problems and produce creative solutions.

Students will learn:
• The Design Process
• Perspective drawing and Computer aided Design
• 3D modelling
• Manufacturing methods
• Prototyping/model building skills
• Marketing and Advertising

The course is project based and students will be working on minor and major assignments in Product Design. Students will have the opportunity to design product solutions to specified design briefs as well as open ended designing and producing. Students will study design, including reasons for success and failure of past and present products.

Approximately 40% of the course will be practical based in the wood workshops where students can build, test and refine their products.

Students will produce marketing campaigns and design still and motion advertisements to sell and place their products to the appropriate niche.

Course Fees: $80 per semester
**SLEEK GEEKS**  
*(Science)*

If you like to investigate scientific ideas in depth, have a passion for science, enjoy watching Dr Karl and like to entertain then this is the course for you. You will be asked to tell a scientific short story via a short DVD of up to 3 minutes in length. It can be in any format including stop motion animation. The movie will be entered into The University of Sydney Sleek Geeks Science Eureka competition in May, with finalists from across Australia being showcased at a major awards night in August. The second part of the course involves designing a 15 minute science show that will be presented to a real audience (most likely a local primary school class). The show must be entertaining, get the audience involved and thinking, cover one concept or many, it can be based on your idea from the first task or be based on new ideas altogether. Think Dr. Karl and Adam Spencer, the Powerhouse Museum, the reptile show all rolled into one for your presentation. The only limitations will be your imagination and maybe some equipment!

http://australian museum.net.au/eureka

Course fees: $60 per semester

**YOUNG INVENTORS**  
*(HSIE)*

Are you interested in how inventions have shaped the world we live in? Do you enjoy coming up with solutions to real-life problems? If so, this may be the course for you.

Students who undertake this course will develop a range of critical and creative thinking skills to equip them for the 21st Century workplace. Students will develop research skills as they investigate key inventions and inventors and learn about how their ideas have changed the world around us.

Critical and creative thinking is at the core of this course. Working in groups, students will have the opportunity to brainstorm and discuss a current issue, problem or area of need and then develop a solution for this. Students will also be able to meet with a professional designer to discuss their ideas and as well as come up with a marketing campaign to show case their final product.

Course fees: $40 per semester

**POTTER ABOUT**  
*(CAPA)*

Do you enjoy getting your hands dirty? Are you interested in creating your own collection of everyday objects with creative flair?

You’ve had a taste at producing clay-built fish and small animals in Visual Arts in Stage 4, but you now have the opportunity to create an array of functional, yet decorative objects using clay as your medium. You will be able to create original urns, vases, mugs, platters and other everyday objects.

In this course you will:

- Learn how to use techniques such as coil work, slab work and learn how to use the pottery wheel
- Create a research portfolio on the history of ancient and contemporary pottery, and examining pottery as a form of craftsmanship
- Make conscious decisions on the best method of creating your collection of objects
- Learn about various applications of glazing, and
- Develop an understanding of the process of firing.

Course fees: $50 per semester
BEHIND THE SCENES
(CAPA)

Have you ever wanted to be involved in the ‘behind the scenes’ and design process of a theatre production or performance, but lack the skills to do so?

In this course you will:

• Examine the important roles behind the scenes from stage manager through to director
• Working in groups, learn how to use the lighting desk and acquire basic sound engineering skills in the Dance and Drama studios, and learn how to light objects to create mood for a performance
• Research and create costume designs, set design models and promotional material for your production, using a variety of materials and technology to bring your creative ideas to life
• At the end of the course, you will work with your group to present a pitch to a panel, using your skills and models to convince a panel that your production ideas are terrific!

Course fees: $30 per semester

MASK IT
(CAPA)

Masks have been a part of theatre since the days of the Ancient Greeks thousands of years ago. They are tools that aid actors in establishing stock characters for an audience.

In this course, you will:

• Explore how masks were used in Greek theatre and in forms such as the Italian slapstick Commedia dell’Arte
• Develop skills in mask performance, including devising movement pieces using neutral and Basel masks
• Make your own mask using a variety of materials
• Use your mask in a performance, devised in small groups and performed for an audience

Course fees: $30 per semester

YOU ARE WHAT YOU EAT

In today’s society we are bombarded with a plethora of information about health, nutrition, diets and super foods. Students will critically analyse current trends in eating and investigate claims made by the media about what we should eat and why. What are superfoods and why are they constantly changing? Do we need nutritional supplements in our diet? This course will provide an indepth investigation into nutritional claims made by the media and draw conclusions. Is Stevia good for us? What about coconut oil and coconut sugar? Butter vs margarine and everything in between. Students will learn how to modify recipes to make them healthier. Students will investigate each topic and present their findings. Can healthy eating be tasty? Students will plan, prepare and evaluate meals that are related to their nutritional investigations.

Course fees: $150 per semester
Our Vision:

An academic, creative, innovative, sustainable school which strives to develop each student’s talents and capabilities while fostering personal responsibility, self confidence, global citizenship and a sense of wellbeing.