

2020

# YEAR 9 AND 10 HANDBOOK



**Peel High School**

88 Gunnedah Rd, Tamworth

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# YEAR 9 ELECTIVES FOR 2020

## INTRODUCTION

The purpose of this booklet is to provide an overview of Stage 5 courses which may be provided at Peel High School for students entering Year 9 in 2020 and Year 10 in 2021.

Peel High School has designed a curriculum that follows the NSW Education Standards Authority (NESA) rules. These rules are set out on page 3 of this booklet.

Subjects for Stage 5 are divided into two categories.

- There are those that everyone must do (the mandatory subjects). These include a minimum 200 hours of study in English, Science, Australian History and Geography and Mathematics and specified hours of study in PDHPE.
- The second group we call Electives and this is where you can make a choice.

## CURRICULUM ORGANISATION

KEY LEARNING AREA	COMMENT
ENGLISH	Mandatory
HUMAN SOCIETY AND ITS ENVIRONMENT (HSIE)	Mandatory
MATHEMATICS	Mandatory
PERSONAL DEVELOPMENT HEALTH AND PHYSICAL EDUCATION (PDHPE)	Mandatory
SCIENCE	Mandatory
CAREERS	Mandatory
ELECTIVES	Choose 3 electives: 2 x 200 hour electives 1 x 100 hour elective (Year 9) 1 x 100 hour elective (Year 10)

Electives include 100 hour and 200 hour options. The final decision on the elective structure for 2020 will be based on student input, available teaching staff and existing curriculum structures.

# WHAT IS REQUIRED IN STAGE 5?

1. You must study English, Mathematics, Science, Australian History and Geography and PDHPE every year from Year 7 to Year 10 for a defined total time.
2. You must have 100 hours experience in Art, Music, Languages Other Than English (LOTE) and 200 hours in Technology Mandatory (TM) subjects. At Peel High School this requirement is met by the time students have completed Year 8.
3. You must attend school until the final day of Year 10 as determined by the NSW Department of Education. To fulfil this requirement, students need a satisfactory record of attendance (85%).
4. You will gain credit for the Elective Board Developed or Board Endorsed Courses if Peel High School certifies that you have seriously attempted all the set work.
5. You must apply yourself to your studies and display satisfactory progress, up to and including the end of Year 10.

The above requirements are set by the NSW Education Standards Authority (NESA).

# ELECTIVE CHOICES

KEY LEARNING AREA	SUBJECT
CREATIVE ARTS	Visual Arts Ceramics Music Drama Photography and Digital Media
HUMAN SOCIETY AND ITS ENVIRONMENT (HSIE)	Aboriginal Studies Commerce
PERSONAL DEVELOPMENT, HEALTH AND PHYSICAL EDUCATION (PD/H/PE)	Physical Activity & Coaching Community Coaching Survival in the Wild Sport Science Child Studies Dance
TECHNOLOGICAL AND APPLIED STUDIES (TAS)	Agriculture Automotive Technology Food Technology Graphic Design Graphics Technology Hospitality Skills Industrial Technology Metal Industrial Technology Timber Textile Technology

Some of the subjects listed are 100 hour courses, ie. they can be studied for one year only (Year 9 **or** 10).

The other subjects listed are 200 hour courses, ie. they must be studied for 2 years (Year 9 **and** 10).

Brief details of these courses follow in this handbook.

# MANDATORY COURSES

## ENGLISH

### **AIM:**

The aim of English in Years 7-10 is to enable students to use, understand, appreciate, reflect on and enjoy the English language in a variety of texts and to shape meaning in ways that are imaginative, interpretive, critical and powerful.

### **CONTENT:**

Classroom activities will enable students to listen, talk, write, represent, view and read about matters that are of significance to them - in the areas of personal expression, literature, mass media and everyday communication. The context of the composer and responder will also be studied. Students will examine how language is used to construct a variety of text types and develop their literacy competence in relation to English.

Students in Stage 5 will study examples of spoken text, print text, and visual text, media and multimedia that will include the Internet and CD-ROMs.

Students will be given experience of Australian Literature, literature from other countries, various cultures, picture books, work place texts, a range of social, gender and cultural perspectives and Shakespeare.

In all instances, an attempt will be made to foster enjoyment in learning as well as to encourage every student to achieve his/her academic potential.

### **ASSESSMENT:**

Student outcomes will be assessed in both their ongoing class work and in cross-year testing. The basis of assessment will be the students' competency in the area of reading, writing, listening, speaking, literature, mass media and responding to texts. Reporting will be outcomes based.

# AUSTRALIAN HISTORY, GEOGRAPHY AND CIVICS AND CITIZENSHIP

## HISTORY

In Years 9 and 10 it is compulsory for all students to complete 100 hours of History and 100 hours of Geography.

In Year 9 students will undertake the overview and two depth studies including the mandatory depth study.

In Year 10 students will undertake the overview and 2 depth studies, including the mandatory depth study.

The principal focus is the study of Australian History, incorporating aspects of civics and citizenship from 1901 to the present:

Depth Studies are:

1. The Making of the Modern World (Year 9) overview
2. Making a Better World (Year 9)
3. Australians at War (World War 1 & 11) Mandatory Year 9
4. Australia and Asia (Year 9)
5. The Modern World and Australia (Year 10) overview
6. Rights & Freedoms (1945 – present) Mandatory Year 10
7. The Globalising World Year 10
8. School-developed topic (e.g. The Holocaust) Year 10

## GEOGRAPHY

The principal focus is to understand Australia in its regional and global context and examine the role of individuals and groups in planning for a better future.

Topics of study are:

1. Sustainable Biomes
2. Changing Places
3. Environmental Change and Management
4. Human wellbeing

### ASSESSMENT:

Assessment will be outcomes based. Students will undertake a variety of tasks including assignments, in class tasks and topic tests.

**EQUIPMENT:** 180 Page exercise book.

**AIM:**

To develop in students:

- Confidence and enjoyment in doing Mathematical activities
- Knowledge, skills and understanding in certain specified areas
- Awareness of the place of Mathematics in solving problems of everyday life and in contributing to the development of our society

**COURSE CONTENT:**

- Working Mathematically
- Number and Algebra
- Measurement and Geometry
- Statistics and Probability

**ASSESSMENT:**

Mathematics is a compulsory 2-year course that continues for the whole of year 9 and 10. Students are assessed continuously within the school. Students will study mathematics at the stage of development that they are prepared for at the end of Year 8. This may be Stage 5.1, 5.2 or 5.3.

Students wishing to study higher levels of Mathematics in the senior school need to progress to the higher levels mentioned above. i.e. 5.2 or 5.3. If you are not in the top year 9 class you will need to work hard in year 9 to gain promotion.

Students regularly receive homework to consolidate concepts taught in class. Parents are encouraged to view their children's book each night to check their progress and help with homework.

**REQUIREMENTS:**

- 1 x approx. 200 page exercise book.
- Mathematical instruments (ruler, protractor, and pair of compasses).
- 1 scientific calculator with fraction facility (may be purchased from the back office).
- 1 homework diary (recommended).

A NESA approved Scientific Calculator is compulsory equipment for all students beginning year 9. These calculators can be purchased from the school for \$21; if purchased elsewhere it is recommended that it is a Casio fx-82 AU PLUS.

# PERSONAL DEVELOPMENT, HEALTH AND PHYSICAL EDUCATION

## **AIM:**

Personal Development, Health and Physical Education (PD/H/PE) is a mandatory course that is studied in each of Years 7-10 with at least 300 hours to be completed by the end of Year 10.

## **COURSE CONTENT:**

PD/H/PE develops students' capacity to enhance personal health and wellbeing. It promotes their enjoyment of and commitment to an active lifestyle and to achieve confidence and competence in a wide range of activities as they maximise movement potential.

Through PD/H/PE students develop knowledge understandings, skills, values and attitudes that enable them to advocate lifelong health and physical activity.

## **What will students learn about?**

All students study the following four modules:

Self and Relationships  
Movement Skill and Performance  
Individual and Community Health  
Lifelong Physical Activity

Satisfactory completion of the mandatory PD/H/PE course will be recorded with a grade on the student's Record of School Achievement.

## **ASSESSMENT:**

Students will be assessed using a variety of methods depending upon the type of unit being studied. Proposed methods of assessment include:

- Projects and assignments
- Workbook marks
- Theory tests
- Practical tests
- Teamwork/sportsmanship
- Recorded observations

Students will be given a course performance descriptor based on their level of achievement.

## **SPECIAL REQUIREMENTS:**

**Practical lessons:** Students must change at the beginning of the lesson and change back into their full school uniform at the end of each lesson.

- Green school polo shirt
- Black shorts

NOTE: A black tracksuit is not compulsory but advisable in the winter months.

Theory lessons: 200 page book

## AIM:

The aim of the Science Stages 5 Syllabus is to provide learning experiences through which students will:

- Acquire scientific knowledge and skills and develop understanding about phenomena within and beyond their experience
- Develop an appreciation of science as a human activity and apply their understanding to their everyday life
- Develop positive values about and attitudes towards themselves, others, lifelong learning, science and the environment

## CONTENT:

Science in Years 9 to 10 is devised to give students a brief look into as many areas of Science as possible along with more intensive study in particular areas of Science - these being Physics, Chemistry, Biology, Geology and Astronomy.

**PRACTICAL WORK** is an essential component of the study of Science and wherever possible students will participate in practical work to further develop skills and a greater understanding of the processes of science. All students are required to follow WHS procedures and wear sturdy enclosed shoes for all practical tasks.

## ASSESSMENT:

Each student is assessed using the categories shown below each semester:

- Class Tests/topic tests
- Practical Work
- Book Mark
- Homework
- Assignments
- Yearly Exams for all Year 9 and 10 students

**Note:** In Stage 5 students are required to undertake an INDIVIDUAL SCIENCE RESEARCH PROJECT which constitutes a mandatory assessment for all science students. Failure to complete this task may put students Record of Students Achievement at risk.

# ELECTIVE COURSES

## VISUAL ARTS

200 hours

### AIM:

To develop visual perception and expression, sensory awareness and imagination, communication of ideas and appreciation of visual traditions and contemporary images.

### COURSE CONTENT:

This course involves the students creating artworks and statements as a direct response to their experience of the world.

The three areas of study include:

- (a) **MAKING** – this is the main emphasis of this course and includes media studies (different forms) and responses to frames and frameworks. Students will explore making through 2D (painting, drawing and print making), 3D (sculpture and ceramics) and 4D (instillation and photo media) as well as investigating their own works in relation to the frames, the conceptual framework and artists practice.
- (b) **CRITICAL STUDY** – Students interpret and evaluate works (orally and written) using the frames and frameworks.
- (c) **HISTORICAL STUDY** – explore and explain the historical significance of particular works over time.

A visual arts process diary will be kept as an ongoing record of student's progress.

- The frames are – Post-modern, Structural Subjective and Cultural
- The frameworks are – The Artist, the World, the Audience and the Artwork
- Artists Practice – Conceptual, Material, Critical and Historical

### ASSESSMENT:

Assessment will be based on student progress in relation to prescribed course outcomes that are representative of the topics of study throughout each semester.

**SUBJECT FEE:** \$40.00 per year.

This fee should be paid by week 4 of Term 1 to ensure that the art department can purchase necessary materials for the teaching of this course.

# CERAMICS

100 hours (available in Year 9 or Year 10)

## **AIM:**

To develop visual perception and expression with historical and contemporary techniques to create a body of work that demonstrates student's ability in ceramic construction.

Students will investigate historical and critical practices of artists and utilises these techniques (such as Raku glazing and firing) in their own art making activities.

## **COURSE CONTENT:**

This course is a basic entry level to ceramics which focuses on hand building techniques such as pinch, coil, mould and slab pots as well as modelling forms. Students will learn about different decorative approaches including sawdust firing, under and over glazing, oxidizing and acrylic paint. Theory work will involve learning about clay, the kiln, WH & S issues and the work of well-known ceramicists and sculptors.

## **SPECIAL REQUIREMENTS:**

- A4 folder and paper

## **ASSESSMENT:**

Assessment will be derived from course outcomes which will reflect both theoretical and practical components of the course.

**SUBJECT FEE:** \$30.00 per year.

This fee is to cover the cost of the material used which must be paid before any pottery is taken home.

200 hours

**AIM:**

To develop the skills and knowledge necessary for:

- an understanding of music
- active participation in performing, composing and listening
- increasing aural awareness
- awareness and appreciation of cultural traditions, past music traditions and present practices.
- responding to music in an individual and educated way
- increased enjoyment of music

**COURSE CONTENT:**

The emphasis of this course is on the student's musical skill development through the experiences associated with Performing, Composing and Listening in the context of selected topics. Learning experiences in these areas are representative of the selected topics.

Performance repertoire strikes a balance between the interests of the student, the topic of study and the needs and capabilities of the student to facilitate musical development. Students should be aware that there is a strong emphasis on the development of theoretical skills as well as practical skills.

Elective music students are expected to take an active involvement in all music class activities as well as participating in concerts etc. Students are also encouraged to participate in activities such as choir, performing ensembles, bands etc.

Topics of study are chosen from:

Popular Music	Medieval Music	Baroque Music
Jazz	Renaissance Music	Classical Music
Music for Radio, Film & Television	Art Music	Romantic Music
Music and Technology	Traditional Music	Music for the Theatre

NB: Australian Music is a compulsory topic.

**ASSESSMENT:**

Assessment is based equally in the areas of Performance, Composition and Listening to assess student progress in relation to prescribed course outcomes. Strategies will include topic assessment, performance assessment and continuous assessment throughout the year.

**SPECIAL REQUIREMENTS:**

- Hire of musical instrument (if required)
- Availability of hire instruments is limited. Please check with the Music Teacher.
- A music folder which includes manuscript pages is essential.

**SUBJECT FEE:** \$20.00 per year.

A fee to assist with the purchase of music, strings, maintenance, etc. which should be paid by the end of Term 1.

# PHOTOGRAPHY AND DIGITAL MEDIA

100 hours (available in Year 9 or Year 10)

## AIM:

To develop skills and techniques associated with taking photographs and gain an insight into both theoretical and practical elements of photography. Students will learn to capture an image successfully and manipulate it using digital software. Video editing will also form part of this understanding.

## COURSE CONTENT:

This course involves the students in:

1. **Understanding** – traditional and digital photographic principles, camera types, history of photography and making and editing movies.
2. **Experiencing** - a new medium through which to communicate ideas. Students learn how to use a camera, compositional techniques, photography manipulation and movie making.
3. **Undertaking** - a variety of assignments and projects involving theory and practical work through which students will develop understanding and competency in this medium.
4. **Theory** - will incorporate studies of photographic techniques, equipment and the history of photography.

## ASSESSMENT:

Assessment will be based on student progress in relation to prescribed course outcomes that are representative of the topics of study throughout each semester.

## SPECIAL REQUIREMENTS:

An A4 book (with lined pages) and a Photo diary with black and white pages. (Can be purchased from Art Department @ \$8.00 each).

Own camera if possible. **This is not essential.**

**SUBJECT FEE:** \$40.00 per year.

This covers the use of school cameras and maintenance of cameras, colour printing, and other specialised materials.

This may be studied as a 100 hour or a 200 hour course

**AIM:**

To increase the student's ability to communicate in an enjoyable and stimulating way through Drama.

**COURSE CONTENT:**

This course will cover aspects of each of the following seven areas:

- Improvisation
- Play Building
- Dramatic Forms
- Writing of Scripts
- Video and Film Making
- Conventions of Theatre
- Reading, Writing and Viewing Drama and Theatre

**ASSESSMENT:**

Each student is to be assessed on the basis of individual progress and achievement. All assessment in Drama will be continuous, cumulative and broadly based.

Strategies used will include teacher checklists, self-evaluation, discussions, interviews, student log books. Written work may include short exercises in blocking, design, character description, scripts, research, reflections and reviews.

Workshop Activities	50%
Written Reflection	30%
Oral Reflection	20%

**SPECIAL REQUIREMENTS:**

Students who select elective Drama need to understand that they will be required to perform in front of their peers. Even though drama does cater for backstage work participation in practical activities is preferred.

Drama can be a lot of fun if you are willing to get involved.

**SUBJECT FEE:** \$10.00 per year.

# ABORIGINAL STUDIES

This may be studied as a 100 hour or a 200 hour course

## **AIM:**

The aim of the Aboriginal Studies Years 7–10 Syllabus is to develop an understanding of Aboriginal Peoples, cultures and lifestyles and their contributions to Australian society. This will enable students to be active and informed advocates for a just and inclusive society.

## **COURSE CONTENT:**

### Year 9

Investigates the diversity of Aboriginal cultures and identities and the experiences that affect identity and cultural expression. This course explores aspects of traditional and contemporary Aboriginality.

Topics include- Aboriginal identities; Aboriginal visual arts; Aboriginal People and Sport, and Aboriginal autonomy.

### Year 10

Aboriginal Studies is an in-depth exploration of contemporary Aboriginal affairs. Issues such as human rights, land rights, self-determination and Aboriginal interactions with the legal and political systems are investigated.

Topics include- Aboriginal interactions with the legal and political systems; Indigenous conflict study; Diggers of the Dreamtime, and Aboriginal Performing Arts.

## **ASSESSMENT:**

Assessment will be derived from course outcomes which will reflect both theoretical and practical components of the course.

**SUBJECT FEE:** Nil

**EQUIPMENT:** Pens and exercise book.

This may be studied as a 100 hour or a 200 hour course

## **AIM:**

Commerce is about everyday living. It aims to provide students with the skills to function in today's society. Everyday people get information about their mortgage, car loan, insurance, health fund, jury duty, voting, share funds and many other aspects of their lives. Commerce aims to provide students with the knowledge to be able to understand all of this and to be successful in life.

## **COURSE CONTENT:**

The content of the course aims to empower students with the skills of surviving in the commercial world.

Throughout Years 9 and 10 students follow:

- Consumer choice (core) Year 9
- Personal finance (core) Year 9
- Law and society (core) Year 10
- Employment issues (core) Year 10
- Investing (option)
- E Commerce (option)
- Promoting and selling (option)
- Running a business (options)
- Towards independence (option)
- Law in Action (option)
- Travel (option)
- Law in Action (option)
- Our Economy (option)
- Running a business (option)

## **ASSESSMENT:**

Assessment will be outcomes based. Students will undertake a variety of tasks including assignments, oral presentations, in class written tasks and topic tests. Each of these will be marked according to the level of outcome achieved.

**SUBJECT FEE:** Nil

# COMMUNITY COACHING

200 hours

## **AIM:**

To provide students in Year 9 with the opportunity to gain a Level O General Principles of Coaching Certificate and to participate in the Active Schools Connexion program. Year 10 students will have the opportunity to complete a Community Coach Training program and to participate in the Playing for Life Games program.

## **COURSE CONTENT:**

The course will include a theory component on the principles of coaching and the practical application of coaching skills and techniques. Students will have the opportunity to present modified skills to young children in a local primary school as part of the practical coaching and leadership programs, Active Schools Connexion (Year 9) and Playing for Life Games (Year 10). The course will also include a focus on event management and competition organisation, requirements for running a sports carnival.

## **SPECIAL REQUIREMENTS:**

Students selecting this course will be required to have an exemplary behaviour and attendance record at school.

Students will require a 96-page exercise book.

## **ASSESSMENT:**

Assessment will be derived from course outcomes which will reflect both theoretical and practical components of the course. Assessments will include peer teaching presentations, event management planning, and the completion of online and workbook based coaching courses.

**SUBJECT FEE:** \$30.00 per year.

100 hours (available in Year 9 or Year 10)

## **AIM:**

- The students to experience, understand, value and enjoy dance as an art form through the interrelated study of performance, composition and appreciation of dance.
- To make suggestions to dance as an art form.
- To develop students' ability to experience, understand and enjoy dance.
- To provide the chance to study dance through performance composition and appreciation of dance.

## **COURSE CONTENT:**

Dance content is integrated and the study of the elements of dance links these three practices:

- The practices of performance composition and appreciation.
- The elements of dance.
- The context of dance as an art form.

## **ASSESSMENT:**

Regular assessments will take place over the course which will test the students' achievement in the theoretical and practical sense. Students will be asked to compose a dance of their style and perform this in a public forum e.g. assembly or eisteddfod.

## **SPECIAL REQUIREMENTS:**

Students will need to provide an exercise book for dance theory lessons. Students are expected to bring suitable clothes for practical dance lessons.

**SUBJECT FEE:** \$30.00 per year.

## **NOTE:**

It is recommended that students have a high level of interest in dance and be willing to participate in practical activities. This course is predominantly practical involving the students choreographing their own dances.

# PHYSICAL ACTIVITY AND COACHING

100 hours (available in Year 9 or Year 10)

## **AIM:**

To develop a foundation for the efficient and enjoyable participation and performance in physical activity and sport.

To enhance the participation and performance of themselves and others in physical activity and sport.

To develop the personal skills to participate in physical activity and sport with confidence and enjoyment.

## **COURSE CONTENT:**

Throughout this course students develop skills in coaching, understanding body systems, understanding of physical fitness and opportunities and pathways in physical activities and sports.

The course involves students developing skills in health and fitness, improving athletic performance, understanding nutrition, world and adventure games.

Also, students focus on fundamental movement skills, sport in society, health and enhancing performance, and the body in motion.

## **ASSESSMENT:**

Complete set written and practical tasks some of which will be based around risk assessment scenarios, analysis of leisure and recreational opportunities, games skills performances and research tasks.

## **SPECIAL REQUIREMENTS:**

Students will need an exercise book for the written work and will be expected to participate in physical activities in line with the content of the course.

## **NOTE:**

Students must have a high level of interest in ALL practical based activities and a willingness to complete theory work and written assessments when considering selecting this elective.

# SPORTS SCIENCE

100 hours (available in Year 9 or Year 10)

## **AIM:**

Sports Science is primarily concerned with the body and how the body works in sport and physical activity.

It covers methods of improving performance; Sport Science also promotes learning about movement and provides students with opportunities to develop their movement skills, analyse movement performance and assist the performance of others.

The acquisition and successful application of movement skills are closely related to enjoyment of physical activity and the likelihood of sustaining an active lifestyle.

Students are expected to participate in physical activities that support the concepts covered in theory lessons.

## **COURSE CONTENT:**

Topic include:

- Physical fitness
- Body systems and energy for physical activity
- Australia's sporting identity
- Innovative games
- Drugs in sport
- Tests and measurement in sport
- Technology, participation and performance
- Sports injuries

## **ASSESSMENT:**

Assessment will be derived from course outcomes which will reflect both theoretical and practical components of the course.

## **SUBJECT FEE:**

There will be a cost for a field trip, this cost will be advised at a later date.

# SURVIVAL IN THE WILD

100 hours (available in Year 9 or Year 10)

## **AIM:**

The unit will provide students with the opportunity to learn skills needed for basic survival in the outdoors

## **COURSE CONTENT:**

Students will gain knowledge and experience about risk environments and extreme sports, leisure and recreational pursuits and the availability of these within the local area. Bush craft, camping, first aid, outdoor cooking, map reading, bushwalking and navigation. Students will be required to work in teams to plan, implement and participate in a range of outdoor challenges.

## **SPECIAL REQUIREMENTS:**

Students also have the opportunity to attend a camping excursion in Term 4 to practice skills learnt in class.

**Practical lessons:** Students must change at the beginning of the lesson and change back into their full school uniform at the end of each lesson.

- Green school polo shirt
- Black shorts

**NOTE:** Black tracksuit pants are not compulsory but advisable in the winter months.

An exercise book.

## **ASSESSMENT:**

Assessment will be derived from course outcomes which will reflect both theoretical and practical components of the course.

## **SUBJECT FEE:**

Camp – five day excursion. Estimated cost \$250.00 paid by week 5, term 4.

# CHILD STUDIES

100 hours (available in Year 9 or Year 10)

## **AIM:**

This elective is for students who are interested in learning about young children 0 – 5 years. Part of the course involves taking home a computer baby for two nights to experience first-hand the demands of caring for a baby. Students also have to use a pregnancy profile to simulate being pregnant.

## **COURSE CONTENT:**

This course will provide students with an overview of development and issues that arise in early childhood. Students will be asked to consider these issues in relation to themselves, family and community.

Subjects studied:

- Pre-Natal Development
- Pregnancy and Childbirth
- Parenthood
- Food and Nutrition for children
- Newborn Babies and Their Needs
- Growth & Development Stages
- The Importance of Play
- Childcare

Excursions may involve visits to a Child Care Centre.

Visiting experts will provide an insight into important health issues.

## **ASSESSMENT:**

Assessment is an ongoing process and the course outcomes will be assessed in a variety of ways including practical tasks, oral reports, class work and assignments.

For the Record of Student Achievement a descriptor grade is awarded and this is obtained by the result of class work and the level of individual development.

## **SPECIAL REQUIREMENTS:**

An exercise book.

**SUBJECT FEES:** \$50.00 per year.

# AGRICULTURE

200 hours

## **AIM:**

Students will experience aspects of agricultural production through direct contact with plants and animals and a variety of practical activities. They explore the many and varied career opportunities in agriculture and its related service industries.

Students investigate the viability of Australian agriculture through the careful management of issues relating to the sustainability of agricultural systems, as well as the relationships between production, processing and consumption. The study of a range of enterprises allows students to make responsible decisions about the appropriate use of agricultural technologies.

## **COURSE CONTENT:**

What will students learn?

Students will learn about the role that agriculture plays in the economic and food supply chain of Australia. A strong focus is played on the importance of Agriculture in the Tamworth district and the major enterprises that support local families and provide employment opportunity.

Students will be involved in the breeding and management of the schools Suffolk stud, as well as the production of beef cattle.

Students over the course of 2 years will also learn about:

- The management of bees and production of honey
- Breeding and management of meat sheep
- Beef Production
- Establishment and management of pastures to provide feed for animal enterprises
- Tractor safety and operation
- Production of broiler chickens and the verticality integrated supply chain
- Fodder cropping including hay and silage making

What will students learn to do?

Students will spend approximately half of the course time on practical experiences related to the chosen enterprises, including fieldwork, small plot activities, laboratory work and visits to the school farm and other parts of the production and marketing chain. The skills of investigating, using technology and communicating will also be developed over the period of the course. There will also be the opportunity for students to show sheep and cattle at local shows as part of the Peel High School show team.

## **ASSESSMENT:**

Practical work

Book work

Exam / quiz

Research Tasks

For the Record of Student Achievement a descriptor grade is awarded and this is obtained by the result of class work and the level of individual development.

## **SPECIAL REQUIREMENTS:**

Enclosed Shoes

96 page exercise book

**SUBJECT FEE:** \$30.00.00 per year.

# AUTOMOTIVE TECHNOLOGY

100 hours (available in Year 9 or Year 10)

## **AIM:**

This course aims to provide an introduction to the operation of the internal combustion engine. Good workshop practice and appropriate tool usage are desirable by-products. By participating in this course students will develop the necessary skills to undertake simple automotive maintenance tasks.

## **COURSE CONTENT:**

The first 50 hours is a practically based investigation of single cylinder two and four stroke engines.

The second 50 hours involves practical problem solving on the basic systems of multi cylinder, four stroke engines.

## **SPECIAL REQUIREMENTS:**

- A4 book with lined pages
- Solid shoes

## **ASSESSMENT:**

Assessment will be derived from course outcomes which will reflect both theoretical and practical components of the course. For the Record of Student Achievement a descriptor grade is awarded and this is obtained from the results of class work and the level of individual development.

NOTE: Students undertaking 2 x 200 hour Industrial Technology elective subjects are not eligible to have a grade for this subject recorded on their Record of Student Achievement. This does not prevent them studying this subject. Their school report will provide a record of their performance.

**SUBJECT FEE:** \$50.00 per year.

# FOOD TECHNOLOGY

200 hours

## **AIM:**

The aim of the Food Technology Stage 5 Syllabus is to actively engage students in learning about food in a variety of settings, enabling them to evaluate the relationships between food, technology, nutritional status and the quality of life. Students develop confidence and proficiency in their practical interactions with and decisions regarding food.

## **COURSE CONTENT:**

Students are able to make informed decisions based on knowledge and understanding of the impact of food on society, of food properties, preparation and processing, and the interrelationship of nutrition and health. This understanding enables them to design, manage and implement solutions, in a safe and hygienic manner, for specific purposes with regard to food. The following focus areas are studied over the course:

- Food in Australia
- Food Selection and Health
- Food Equity
- Food Service and Catering
- Food for Specific needs
- Food Product Development
- Food for Special Occasions
- Food Trends

## **ASSESSMENT:**

Assessment will be derived according to course outcomes which will reflect both practical and theory components through project based learning. Theory work includes presentations, case studies, class tests, design portfolios, internet research tasks and assignments.

## **SPECIAL REQUIREMENTS:**

To satisfy the requirements of the syllabus, students must undertake a range of practical experiences. Practical experiences allow students to develop skills and confidence in the use of a range of equipment. Student capability, confidence and expertise at their current stage of development are important considerations in determining the teaching and learning sequences in the course.

Students must be prepared to cook with enclosed leather footwear and wear the aprons provided. A container to store the meals cooked by students is required. Due to the high cost of quality ingredients students who do not pay the subject fee will not be permitted to participate in the practical component of the course.

A4 lined books are required for the theoretical component of the course.

A plastic sleeve folder will be essential for practical lessons to organise recipes.

**SUBJECT FEE:** \$120.00 per year.

# GRAPHIC DESIGN

100 hours (available in Year 9 or Year 10)

## **AIM:**

The aim of graphic design is to develop students' ability to think creatively, devise solutions and communicate information to a range of audiences using a variety of graphical techniques and media. This is a computer based course that focuses on computer-generated design and illustration. Students learn to visualise, sketch, design and develop accurate images for a diverse range of purposes. Many aspects of graphic design will also be explored ranging from advertising and promotion, Art direction, branding, corporate identity, instructional design, packaging, signage and web design.

## **COURSE CONTENT:**

All students will learn the principles and techniques involved in creating a wide range of images, pictures, drones, animations and websites. They will gain an understanding of the fundamentals, involved in creating computer-generated images and the use of graphic design in commercial, industrial and commercial settings.

What will students learn to do?

Through methods of project-based learning students will actively plan, develop, designed and produce a range of projects and learn to:

- Develop vector and pixel-based images
- Create business logos and branding
- Developed marketing and promotional collections of work e.g. poster design
- Develop websites
- Create an illustration for concept art
- Design magazines
- Design packaging
- Format and create aesthetically appealing documents – production of a school based magazine may be an end product of this course

## **ASSESSMENT:**

Assessments will be derived according to course outcomes, which will reflect the theoretical and practical components of graphic design. Students will be required to complete design based projects, research tasks and case studies.

Special Requirements:

- A4 art diary
- 8GB USB stick

**SUBJECT FEE:** \$25.00 per year.

# GRAPHICS TECHNOLOGY

200 hours

## AIM:

The study of Graphics Technology develops an understanding of the significance of graphical communication as a universal language and the techniques and technologies used to convey technical and non-technical ideas and information. Graphics Technology develops in students the ability to read, interpret and produce graphical presentations that communicate information using a variety of techniques and media.

## COURSE CONTENT:

All students will learn about the principles and techniques involved in producing a wide range of images, models, pictures and drawings. They will gain an understanding of graphics standards, conventions and procedures used in manual and computer-based drafting.

Students undertaking 200 hours of Graphics Technology may also study a range of options that focus on specific areas of graphics including:

- Architectural drawing
- Cabinet and Furniture Drawing
- Cartography and Surveying
- Engineering Drawing
- Landscape Drawing
- Product Illustration
- Australian Architecture
- Computer Aided Design & Drafting
- Computer Animation
- Graphic Design & Communication
- Pattern Design
- Technical Illustration

What will students learn to do?

The major emphasis of the Graphics Technology syllabus is on students' actively planning, developing and producing quality graphical presentations. Students will learn to design, prepare and present graphical presentations using both manual and computer based drafting technologies. They will learn to interpret and analyse graphical images and presentations and develop an understanding of the use of graphics in industrial, commercial and domestic applications.

## ASSESSMENT:

Assessment will be derived from course outcomes which will reflect both theory and practical aspects of the course.

For the Record of Student Achievement a descriptor grade is awarded and this is obtained by the results of class work and the level of individual development.

**SUBJECT FEE:** \$25.00 per year.

Students will be required to purchase a set of drawing instruments in Year 9. Instruments may be purchased through the school.

# COOKING SKILLS

100 hours (available in Year 9)

## **AIM:**

To introduce the students to cookery skills relevant to the hospitality industry. To develop their interest in commercial cookery or food and beverage careers. Students will experience practical cookery, food service and catering, and become familiar with basic hospitality terms and concepts.

## **CONTENT:**

- Food service and catering
- Menu planning
- Recipe development
- Employment opportunities in hospitality
- Table settings
- Practical cooking

## **ASSESSMENT:**

Students will be assessed on:

- Folio of recipes
- Bookmark
- Research task - planning an event
- Practical cookery
- End of term tests

## **SPECIAL REQUIREMENTS:**

Students will be required to bring an A4 size folder, pens, and equipment for practical cookery strong black shoes, black polo shirt and apron.

**SUBJECT FEE:** \$25.00 per term, or \$100.00 per year for food ingredients throughout the year.

# INDUSTRIAL TECHNOLOGY

200 hours

## **AIM:**

Industrial Technology develops students' knowledge and understanding of materials and processes in a range of technologies. They develop knowledge and skills relating to the selection, use and application of materials, tools, machines and processes through the planning and production of quality practical projects.

Students may undertake a maximum of two courses in Industrial Technology. These focus areas are based on a range of technologies of industrial and domestic significance. These include studies in:

- Metal
- Timber

## **COURSE CONTENT:**

All students will learn about the properties and applications of materials associated with their chosen area of study. They will study the range of tools, machines and processes available in both industrial and domestic settings for working with selected materials. Students will learn about safe practices for practical work environments, including risk identification and minimisation strategies. They will also learn about design and designing including the communication of ideas and processes.

What will students learn to do?

The major emphasis of the Industrial Technology syllabus is on students actively planning and constructing quality practical projects. Students will learn to select and use a range of materials for individual projects. They will learn to competently and safely use a range of hand tools, power tools and machines to assist in the construction of projects. They will also learn to produce drawings and written reports to develop and communicate ideas and information relating to projects.

## **ASSESSMENT:**

Satisfactory completion of 200 hours of study in an Industrial Technology course during Stage 5 (Years 9 and 10) will be recorded with a grade on the student's Record of Student Achievement. This may occur in a maximum of two Industrial Technology courses. For the Record of Student Achievement a descriptor grade is awarded and this is obtained by the result of class work and the level of individual development.

## **SPECIAL REQUIREMENTS:**

A4 Display Folder and Book  
Solid shoes

**SUBJECT FEE:** \$100.00 per year plus additional materials used in major projects made in Semester 2, Year 10.

# FASHION & TEXTILES

200 hours

## **AIM:**

Textiles Technology aims to develop the individual through the provision of experiences directly related to society. Skills are taught which lead to enjoyable, creative, imaginative and profitable leisure activities. Project work forms the basis of every unit of work.

## **COURSE CONTENT:**

- \* Investigation and Classification of fibres and fabrics.
- \* Construction of clothing and articles using woven and kit fabrics.
- \* Elements and principles of design.
- \* Methods of colouring and decorating textiles.
- \* Factors influencing consumer responsibilities.

## **SPECIAL REQUIREMENTS:**

- \* A4 folder and paper.
- \* Purchase patterns, fabrics, sewing thread and extras as required for garment construction.
- \* Pins, needles.
- \* Craft research, fabric cottons according to choice made.

## **ASSESSMENT:**

Assessment will be derived from course outcomes which will reflect both theoretical and practical components of the course. For the Record of Student Achievement a descriptor grade is awarded and this is obtained by the result of class work and the level of individual development.

**SUBJECT FEE:** \$100.00 per year.

For machine maintenance, fabric paints, dyes and chemicals. Project materials are to be provided by each student to suit their designs.

# HISTORY OF IDEAS

100 hours

## **AIM:**

To develop cultural knowledge around the key ideas that have shaped Western civilisation. This knowledge and understanding will significantly enhance a student's ability to thrive in the senior school across a range of subjects such as Advanced English, Art and Society and Culture. Students will also develop skills in English that involve public speaking, debating and critical thinking.

## **COURSE CONTENT:**

Students will cover the history of cultural ideas in Western society. This will include Philosophy, Religion, Art, History, Politics, Psychology and Literature. Students will also investigate, analyse and debate contemporary issues. Skills taught in the course include public speaking, debating, persuasive writing and critical thinking.

## **REQUIREMENTS:**

Writing materials

## **ASSESSMENT:**

Students will be assessed regularly in speaking, reading, writing and listening.

**SUBJECT FEE:** Nil

100 hours

**AIM:**

This is a creative writing course which aims to provide students with opportunities to develop their literary talents. Students will study varied forms of prose and poetry, giving them the experience to write creatively in different genres. They will be guided in composing short and extended writing pieces. Through reading, writing and sharing, this course will work to build a supportive writing community for students and grow them creatively.

**COURSE CONTENT:**

How does a piece of creative writing work? What does it do and how? This course addresses with these questions by considering specific elements of writing such as imagery, plot, character, setting and structure.

Students will analyse successful examples of and attempt their introductions, characterisation, dialogue, tension building, symbolism, world building, plot development and structural experimentation.

They will consider and apply such concepts as:

- How writing expands understanding of the world, its people, and oneself.
- Writing as a reflective, multi-stage process.
- The benefits of collaboration and feedback on written works.
- Language as a means of self-expression.
- Strategies and techniques writers use to construct meaning.
- How writing can provide insight into the human conflicts, motivations, and behaviours.
- The varied purposes of writing.
- Command of structure for effective short story writing
- How written communication and proper grammar promote fluency of communication.

These skills and ideas will allow students to compose their own insightful and sophisticated written works.

**REQUIREMENTS:**

Writing materials, including a journal.

**ASSESSMENT:**

In addition to informal assessment of reading, writing, speaking and listening, students will be formally assessed through the composition of a final portfolio. This will consist of work students have composed and revised over the semester; including one polished, complete short story, a piece of flash fiction, a poem, and a personal essay on the student's development as a writer.

**SUBJECT FEE:** Nil

# ELECTIVE FILM COURSE

100 hours

## **SYNOPSIS:**

A Film making unit with a strong practical focus where students will get the opportunity to produce their own short films, music videos, animated films, documentaries etc. as well as staging a Film Festival here at school.

## **AIM:**

Students will explore the way various film texts are constructed. Texts will be both studied and created. These texts include feature films, short films, advertising, music videos, vlogs, you tube videos. The emphasis will be on how these texts are created with students given a range of opportunity to take the skills they have learned and create their own films.

Students will develop the skills required to express themselves in a variety of visual media.

## **COURSE CONTENT:**

Focus will be on how various types of film texts are created. The practical side of this unit will focus on providing the means and opportunity for students to create various types of film including:

*Screen writing, Storyboarding, Shooting film, Sound effects, Visual effects, Editing film, Film soundtracks, Film Distribution, Film marketing.*

## **REQUIREMENTS:**

Students will be expected to work together to create various visual texts. This course will build on the learning done in the Year 7 English Unit – Constructing Film.

## **MODULE DESCRIPTIONS:**

- **MODULE 1 – VISUAL MEDIA:** An overview of the various types of visual media studied and created in this course. (5 weeks)
- **MODULE 2 – FILM: From PAGE to SCREEN:** A close up study of the mechanics of producing a film from written synopsis to finished feature. (5 weeks)
- **MODULE 3 – FILM MAKING 101:** Practical Unit focused on students working in groups to create their own films. (10 weeks)
- **MODULE 4 – FILM ANIMATION –** Practical Unit where students will learn how animated films are created using a variety of techniques. They will then have an opportunity to work in groups and create their own animated film. (5 weeks)
- **MODULE 5 - FILM MAKING 102:** Practical Unit focused on students creating other types of media e.g.: advertisements, music videos, vlogs (10 weeks)
- **MODULE 6 – FILM MARKETING AND PROMOTION:** Practical unit focused on students learning about how films are marketed and distributed using both traditional and online platforms. Students will be working together to put on a Film Festival for the School and Community of the various films they have created across this unit. (5 weeks)

## **ASSESSMENT:**

Students will be assessed on both the visual texts they create and on the process they undertake to complete these texts. Assessment examples could include: Short films, music videos, project diaries, storyboards/screen plays, vlogs, staging a film festival.

**SUBJECT FEE:** Nil