



2018 Stage 5 Electives Handbook

Barham High School



Enabling students to successfully transition to future learning and employment

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GUIDELINES

Throughout Stage 5 students must study:

- ✓ English
- ✓ Mathematics
- ✓ Science
- ✓ Personal Development Health Physical Education
- ✓ Mandatory History for 2 semesters
- ✓ Mandatory Geography for 2 semesters

In addition to these mandatory subjects, students can select 3 additional elective courses. Students should choose their electives with the understanding that they will be studying these subjects for two years.

NOTES:

Courses will run subject to student choice and availability of resources. Not all students may be able to study their first choice of courses.

Choose your electives carefully!

Students who find subjects unsuitable might be able to make changes to an elective in Term 1, 2018- no guarantee!

Changes of elective subjects from year 9 to 10 will only be made under special circumstances.

In both cases, changes will only occur after consultation between the student and his/her parents, the Deputy Principal, Head Teacher(s) concerned and the Class Teacher. They are also subject to availability and the NESA Record of Student Achievement (ROSA) requirements.

It is not possible to guarantee that changes may always be possible.

In practical subjects, students who do not comply with Work Health and Safety requirements such as wearing correct shoes, uniform and using equipment safely may be asked to select another elective on that line.

Please note that a number of courses have a subject charge. This meets the cost of consumable items used in that course. If you choose one of these courses then you accept that payment of these charges will be made as required. At least half of the charge must be paid by Week 4 of the first term of the course and the remainder by Week 4 of the second term.

Students should discuss with their teachers the most suitable courses for them to select for 2018-2019.

AGRICULTURAL TECHNOLOGIES

Subject Fee: \$40.00 per year

Course Aims:

Agricultural Technology is an enterprise base subject in which students will be exposed to variety of animal and plant based production systems. They will also learn about the benefits of farming in a way that protects the environment and local ecosystems. The school farm is set up to support livestock such as sheep, cattle and poultry, as well as a range of horticultural activities. We will also be preparing cattle for showing and growing a small feedlot on the school farm.

Throughout the course students will gain valuable skills and knowledge that will help them to assess the viability of production systems by calculating gross margins and interpreting market trends.

While the emphasis is on a more "hands on minds on" style of learning, the subject does include theory components that underpin this practical approach.

COMMERCE

Subject Fee: Nil, however excursions to various commercial centres of varying sizes are undertaken. Barham costs are nil, however excursion costs will apply to Swan Hill, Echuca or other towns in relatively close proximity.

Course Aims:

The Commerce syllabus has been written expressly for years 7 to 10 in NSW schools. It provides an extensive, substantial coverage of most of the modern areas of everyday financial use that young people will come in contact with, and need with emphasis on school to work skills. It is very much a school based course. Every day of their lives students make choices and most of those in some way are related to financial and living skills learnt in the new Commerce course.

Commerce involves the interchange of goods and services for money. We live in a commercial economy in that we satisfy our needs and wants through the use of money. We specialise in a particular occupation and earn a money income, which we exchange for the goods and services we want or need.

The decisions we need to make in our everyday life are varied. Some of the decisions include:

Consumer decisions: where and what to buy

- ✓ Financial decisions: how to manage and invest money
- ✓ Business decisions: what good to produce or service to provide
- ✓ Legal decisions: rights, laws, contracts etc.
- ✓ Environmental decision: consideration of the environment

The main topics from which students have a choice of study are:

Consumer choice	Promoting and Selling	Personal Finance	Running a business
Employment issues	E Commerce	Investing	Global/inks
Law in Action	Our Economy	Law and Society	

FOOD TECHNOLOGY

Subject Fee: \$100.00 per year. This covers the majority of food that is necessary to cook with each week.

Course Aims

Students will explore food-related issues through a range of practical experiences, allowing them to make informed and appropriate choices with regards to food.

Students will learn about food preparation and processing and nutrition and consumption through focus areas. These focus areas may be food development and production, food service and catering, food for special needs, food for special occasions and food trends. To satisfy the requirements of the syllabus students must undertake a range of practical experiences that occupy the majority of course time. In doing so students must wear enclosed leather shoes, wear a hairnet, wear an apron (supplied by BHS) and bring an exercise book to work in.

This course may involve guest speakers and occasional excursions.

INDUSTRIAL TECHNOLOGY METAL

Subject Fees: \$80.00 per year which covers materials and necessary supplies for each project.

Course Aims:

The Metal focus area provides opportunities for students to develop knowledge, understanding and skills in relation to the Metal and associated industries. Core modules develop knowledge and skills in the use of materials, tools and techniques related to Metal, which are enhanced and further developed through the study of specific modules in Metal Machining and Fabrication.

Practical projects will reflect the nature of the Metal focus area and provide opportunities for students to develop specific knowledge, understanding and skills related to Metal-related technologies. They will include:

Sheet Metal products

Metal Machining projects

Fabricated projects

Artistic metal projects

Projects will promote sequential development of skills and reflect an increasing degree of student autonomy as they progress through the course.

There will be a folio accompanying each project as a curriculum requirement. There will also be a theory component of the course. There will be a minimum of 6 projects completed during the course.

INDUSTRIAL TECHNOLOGY TIMBER

Subject Fee: \$80.00 per year which covers materials and necessary supplies for each project. Materials for the major project will need to be supplied by the student.

Course Aims

The Timber focus area provides opportunities for students to develop knowledge, understanding and skills in relation to the Timber and associated industries. Core modules develop knowledge and skills in the use of materials, tools and techniques related to Timber, which are enhanced and further developed through the study of specific modules in Cabinetwork and Wood Machining. Practical projects will reflect the nature of the Timber focus area and provide opportunities for students to develop specific knowledge, understanding and skills related to timber-related technologies.

They will include:

- ✓ Joinery
- ✓ Cabinetwork
- ✓ Lathe : Spindle Turning
- ✓ Lathe : Face Plate Turning

Projects will promote sequential development of skills and reflect an increasing degree of student autonomy as they progress through the course. There will be a folio accompanying each project as a curriculum requirement. There will also be a theory component of the course.

A minimum of 6 projects will be completed during the course.

INFORMATION AND SOFTWARE TECHNOLOGY

Subject Fees: \$10 per year which covers materials and disposables for each project.

Course Aims:

The study of Information and Software Technology assists students to develop the knowledge, understanding and skills to solve problems in real life contexts. Through experimental and collaborative tasks, students engage in processes of analysing, designing, producing, testing, documenting, implementing and evaluating information and software technology-based solutions.

Students learn the core concepts of the subject through a variety of practical based projects. These projects will be based on the following topics:

- Authoring and Multimedia
- Internet and Website Development
- Software Development and Programming
- Digital Media

Other electives that may be included, depending on student preference include:

- Database Design
- Robotics and Automated Systems
- Artificial Intelligence Simulation and Modelling
- Networking Systems

MUSIC

Subject Fee: There is no subject fee.

Course Aims

In this course students will study:

1. the concepts of music (duration, pitch, dynamics and expressive techniques, tone colour and structure)
2. through the learning experiences of performing, composing and listening
3. within the context of a range of styles, periods and genres

Contexts:

Students are required to develop understanding and skills through the study of compulsory and elective topics.

Compulsory Topic: Australian Music.

Australian music is described as music originating in Australian society. This is a broad field and will include many types of music. As well as the study of style and genres, the study of Australian music also includes the influences and impact of technology.

Elective Topics: Students will study at least TWO topics from each group below

Group 1	Group 2
<ul style="list-style-type: none">- Baroque Music- Classical music- Nineteenth-century Music- Medieval Music- Art Music of the 20th and 21st Centuries- Music of a Culture- Music for Small Ensembles (Group 1)- Music for Large Ensembles (Group 1)	<ul style="list-style-type: none">- Popular Music- Jazz- Music for Radio, Film, Television and Multimedia- Theatre Music- Music of a Culture (different from Group 1)- Music for Small Ensembles (Group 2)- Music for Large Ensembles (Group 2)- Rock Music- Music and Technology

PHOTOGRAPHIC & DIGITAL MEDIA

Subject Fee: \$50.00 per year- required to cover the cost of photographic and digital media consumables and resources.

Course Aims

Stage 5 Photographic and Digital Media course aims to enable students to:

- ✓ develop and enjoy practical work and to represent ideas and interests in their work
- ✓ understand that photographs can represent ideas and beliefs and how this is achieved. Understand historical/contextual influences on photography
- ✓ develop portfolio's and self-directed work.
- ✓ The course runs over two years. In making photographic and digital works, students explore a range of ideas and interests

Students studying the Stage 5 Photographic and Digital Media course will acquire skills and knowledge in the following areas:

Artmaking (60%): Creation of photographic and digital artworks (the emphasis of this course). Artworks will include traditional photographic techniques, digital photography(Photoshop), possibly animation and video.

Critical and Historical Interpretations (40%): Study of the photographic and digital artworks of other artists, study the history of photography, research art movements and influences on photography.

PHYSICAL ACTIVITY & SPORTS STUDIES

Subject Fees: Nil (additional costs will be required throughout the year depending on the sport) & PASS shirt

Course Aims:

Physical Activity and Sports Studies provides for a comprehensive study of physical activity and movement. It incorporates a study of the way the body functions and how to prepare to move efficiently in a variety of contexts. It includes study of the social issues related to physical activity and its role in the lives of the individual and Australian society. It also has a focus on moving with skill in order to enjoy participation and to achieve performance goals. There is a strong focus on practical application. Periods will be divided appropriately between theory and practical. Students will study modules within the following three areas of study:

- Foundations of physical activity
- Physical activity and sport in society
- Participation and performance

VISUAL ARTS

Subject Fee: \$50.00 per year- required to cover the costs of art materials for this course.

Course Aim

Students studying the Visual Arts course will gain additional knowledge and understanding in three areas:

PRACTICAL (60%)

Making Practical artmaking (the focus of this course)

THEORY (40%)

Critical Studies Analysing artworks and understanding how artworks may be interpreted differently

Historical Studies Studying various art movements and artists throughout history and contemporary examples

Course content for Stage 5 Visual Arts is a constantly changing program running over two years. This gives Visual Art students a broad range of artmaking and studying experiences. Some units include Surrealist Sculpture, Ancient Roman Art (Ceramics), Abstract Art (painting) and new units are introduced constantly.

Possibilities for artmaking experiences in Stage 5 include pastel

Printmaking (linocut, lithograph and scratch foam stencils), drawing (ink illustration, charcoal and graphite), ceramics (at least once in the course), assemblage, painting (acrylic, watercolour), site specific art, sculpture (wire, paper mache, hebel block) and computer based art, photomedia and fibre.

2018 ELECTIVE FEES

<i>Subject</i>	<i>Fee</i>
<i>Agriculture</i>	\$40.00 per year
<i>Commerce</i>	Nil
<i>Food Technology</i>	\$100.00 per year
<i>Industrial Technology – Metal</i>	\$80.00 per year
<i>Industrial Technology - Timber</i>	\$80.00 per year
<i>Information and Software Technology</i>	\$10.00 per year
<i>Music</i>	Nil
<i>Photographic and Digital Media</i>	\$50.00 per year
<i>Physical Activity & Sports Studies</i>	Nil – PASS Shirt TBC
<i>Visual Arts</i>	\$50.00 per year

LINE X	LINE Y	LINE Z
Agriculture	Food Technology	Commerce
Food Technology	Information Software Technology	Industrial Technology – Timber
Music	Industrial Technology – Metal	PASS
PASS	Visual Arts	Photo Digital Media

