Kandos HIGH SCHOOL

Stage 5

Elective Courses 2024

NSW GOVERNMENT Education

CONTENTS

Students must choose 3 subjects.

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AGRICULTURE $20.00

Aims:
The aim of the Agricultural Technology Years 7-10 Syllabus is to develop students' knowledge and understanding of agricultural enterprises and the practices and skills required in producing plant and animal products. Students will develop skills in the effective management of sustainable production and marketing practices that are environmentally and socially responsible.

Objectives:
Knowledge, understanding and skills

Students will develop:

1. Knowledge and understanding of agriculture as a dynamic and interactive system that uses plants and animals to produce food, fibre and other derivatives.
2. Knowledge and understanding of the local and global interaction of agriculture with Australia's economy, culture and society.
3. Knowledge of and skills in the effective and responsible production and marketing of agricultural products.
4. An understanding of sustainable and ethical practices that support productive and profitable agriculture.
5. Skills in problem solving including investigating, collecting, analysing, interpreting and communicating information in agricultural contexts.
6. Knowledge and skills in implementing cooperative and safe work practices in agricultural contexts.

(Acting Head Teacher: Mr Vaughan)

Questions to ask about the subject:

1) _____

2) _____

3) _____

COMMERCE

Studying Commerce assists students to develop the knowledge, skills, understanding and values that will allow them, as young people, to make sound decisions on consumer, financial, business, legal and employment issues.

It develops in students an understanding of commercial and legal processes and competencies for personal financial management. Through the study of Commerce students develop financial literacy which enables them to participate in the financial system in an informed way.

Program B (2024)

100 hours based on the following content:

- Law and Society
- Running a Small Business
- Our Economy
- Employment Issues
- Travel

Program A (2025)

100 hours based on the following content:

- Consumer Choice
- Promoting and Selling
- E-Commerce
- Personal Finance
- Investing
- Global Links

Program A and B will total 200 Hours.

The Commerce course has four core subjects: Consumer Choice, Personal Finance, Law and Society and Employment Issues. Two core subjects must be studied in each 100 hours of study.

(Head Teacher: Mr San Martin)

Questions to ask about the subject:

1) _____

2) _____

3) _____

FOOD TECHNOLOGY $100.00

The Australian food industry is growing in importance, providing numerous employment opportunities and increasing the relevance of Food Technology for the individual and society. There are increasing community concerns about food issues, including hygiene and safety, nutritional claims and the nutritional quality of food, genetic engineering, functional food and the environmental impact of food production processes. Students will explore food-related issues through a range of practical experiences, allowing them to make informed and appropriate choices with regards to food.

Food habits change as a result of economic, social, cultural, technological and environmental factors. Making informed food decisions requires an explicit understanding of nutrition principles in both theory and practice, and this is embedded in a study of Food Technology. This is essential to the development of sound food habits and contributes significantly to the well-being of all Australians.

The study of Food Technology provides students with a broad knowledge and understanding of food properties, processing, preparation and their interrelationships, nutritional considerations and consumption patterns. It addresses the importance of hygiene and safe working practices and legislation in the production of food.

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

Through the study of Food Technology, students are aware of the development of technology and its impact on the individual, society, the environment and the food industry. Students have understanding, knowledge and skills of a range of processes, resources and technologies, including computer software, appropriate to the planning, preparation, manufacture, experimentation and plating of food.

Uniform requirements: sturdy, fully enclosed shoes

(Acting Head Teacher: Mr Vaughan)

Questions to ask about the subject:

1) _____

2) _____

3) _____

INDUSTRIAL TECHNOLOGY METAL $80.00

In accordance with the K-10 Curriculum Framework Industrial Technology 7-10 syllabus, the study of Metal takes into account the diverse needs of all students. The metal focus area provides opportunities for students to develop knowledge, understanding and skills in relation to Metal and associated industries.

Classwork introduces students to a range of tools, equipment, shaping and joining techniques and safety associated with Metal Machining and Fabrication. Students will complete a variety of practical projects using hand and machine tools and will develop a basic knowledge of how to read and interpret engineering drawings associated with design, layout and planning of fabrication and machining projects. Experience will be gained in metal cutting, welding, basic lathe operations and finishing. Equipment will include, the lathe, drill press and pan brake, sheet metal folder and welder in addition to a range of hand and power tools.

Assessment is largely based on the student's ability to carry out Workplace, Health and Safety procedures when in the workshop environment, their ability to produce quality practical projects, related theory and design folio work.

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.

These may include:

- Sheet metal products
- Metal machining projects
- Fabricated projects
- Basic welding

Assessment in Industrial Technology is in the form of classroom activities which provides students with opportunities to expand their learning and demonstrate what they have learnt. Students are actively engaged in classroom activities and assessment tasks to assess and measure what they have learnt in class. All units of work are based on a project where students are to complete portfolios and practical tasks.

Leather Footwear is mandatory when using a variety of machinery.

(Acting Head Teacher: Mr Vaughan)

Questions to ask about the subject:

1) _____

2) _____

3) _____

INDUSTRIAL TECHNOLOGY MULTIMEDIA $40.00

Course Description:
The Industrial Technology-Multimedia course provides opportunities for students to develop knowledge, understanding and skills in relation to multimedia, photographic and associated industries. Throughout the course students will complete a range of practical projects which reflect the nature of the Multimedia/Photography area and provide opportunities for students to develop specific knowledge, understanding and skills in a range of technologies and many programs.

The study of Industrial Technology provides students with opportunities to engage in a diverse range of creative and practical experiences using a variety of technologies widely available in industrial and domestic settings. It allows students to demonstrate their ability to think creatively to produce solutions to practical problems. Students will develop knowledge and skills in the design, planning, management and production of quality projects through safe interaction with a range of technological tools and online platforms. All students will learn about application software linked with Multimedia Systems. They will investigate the safe and ethical use of a range of software, equipment and multimedia processes available in both commercial and domestic settings. Using this knowledge, students will plan and construct quality multimedia projects in the following topic areas.

These may include:

- Creating and editing digital graphics
- Creating webpages using a range of techniques
- Production of digital media for a range of online displays

Assessment in Industrial Technology is in the form of classroom activities which provides students with opportunities to expand their learning and demonstrate what they have learnt. Students are actively engaged in classroom activities and assessment tasks to assess and measure what they have learnt in class. All units of work are project based using a variety of software applications.

(Acting Head Teacher: Mr Vaughan)

Questions to ask about the subject:

1) _____

2) _____

3) _____

INDUSTRIAL TECHNOLOGY TIMBER $80.00

In accordance with the K-10 Curriculum Framework Industrial Technology 7-10 syllabus, the study of Industrial Technology - Timber takes into account the diverse needs of all students.
The timber focus area provides opportunities for students to develop knowledge, understanding and skills in relation to Timber and associated industries.

Classwork involves students learning about WH&S and risk assessment, Materials, Tools and Techniques, and Links to Industry. Students will learn the functional and aesthetic aspects of design principles and processes. They will learn Workplace Communication Skills; Societal and Environmental Impact Issues; and a range of techniques and skills to enhance the appearance of projects. The outcomes of this unit will be addressed through the construction of individual projects and folio work.

Practical projects provide opportunities for students to develop specific knowledge, understanding and skills related to timber-related technologies.

These may include:

- Furniture items
- Small timber item
- Storage and display units

Assessment in Industrial Technology is in the form of classroom activities which provides students with opportunities to expand their learning and demonstrate what they have learnt. Students are actively engaged in classroom activities and assessment tasks to assess and measure what they have learnt in class. All units of work are based on a project where students are to complete portfolios and practical tasks.

Leather Footwear is mandatory when using a variety of machinery.

(Acting Head Teacher: Mr Vaughan)

Questions to ask about the subject:

1) _____

2) _____

3) _____

MUSIC $30.00

Course Description:
All students should have the opportunity to develop their musical abilities and potential. As an art form, music pervades society and occupies a significant place in world cultures and in the oral and recorded history of all civilizations. Music plays important roles in people's social, cultural, aesthetic and spiritual lives. At an individual level, music is a medium of personal expression. It enables the sharing of ideas, feelings and experiences. The nature of musical study also allows students to develop their capacity to manage their own learning, engage in problem solving, work collaboratively and engage in activity that reflects the real-world practice of performers, composers and audiences.

What will students learn about?
Students will study the concepts of music (duration, pitch, dynamics and expressive techniques, tone colour, texture and structure) through the learning experiences of performing, composing and listening, within the context of a range of styles, periods and genres. The Elective course requires the study of the compulsory topic Australian Music, as well
as a number of optional topics that representing a broad range of musical styles, periods and genres.

What will students learn to do?
In Music, students learn to perform music in a range of musical contexts, compose music that represents the topics they have studied and listen with discrimination, meaning and appreciation to a broad range of musical styles. The study of the concepts of music underpins the development of performing, composing and listening skills.

(Head Teacher: Mr San Martin)

Questions to ask about the subject:

1) _____

2) _____

3) _____

PHYSICAL ACTIVITY AND SPORTS STUDIES (PASS)

Physical Activity and Sports Studies (PASS) promotes learning about movement and provides students with opportunities to develop their movement skills, analyse movement performance and assist the performance of others.

The theory component of the course involves students examining modules associated with improving their performance in the sports selected, to allow them to pursue a formal qualification in the physical activity and sports field, and/or implement procedures that allow successful event management. The theory modules studied are as follows:

Areas of Study

- Foundations of Physical Activity
- Physical Activity and Sport in Society
- Enhancing Participation and Performance

PASS is a valuable introduction for those students wishing to study the HSC PDHPE course and/or are interested in embarking on a career in sport or physical activity industry.

(Acting Head Teacher: Mr Skourmallas)

Questions to ask about the subject:

1) _____

2) _____

3) _____

VISUAL ARTS $40.00

Course Description:
Visual Arts provides opportunities for students to enjoy the making and studying of art. It builds an understanding of the role of art in all forms of media, both in the contemporary and historical world, and enables students to represent their ideas and interests in artworks. Visual Arts enables students to become informed about, understand and critically write about their contemporary world.

What will students learn about?
Students will learn about the pleasure and enjoyment of making different kinds of artworks in 2D, 3D and/or 4D forms. They learn to represent their ideas and interests with reference to contemporary trends and how artists' including painters, sculptors, architects, designers, photographers and ceramicists, make artworks.

Students learn about how art is shaped by different beliefs, values and meanings by exploring artists and artworks from different times and places and relationships in the artworld between the artist – artwork – world – audience. They also explore how their own lives and experiences can influence their art-making and critical and historical studies.

What will students learn to do?
Students learn to make artworks using a range of materials and techniques in 2D, 3D and 4D forms, including traditional and more contemporary forms, site-specific works, installations, video and digital media and other ICT forms, to build a body of work over time. They learn to develop their research skills, approaches to experimentation and how to make informed personal choices and judgements. They learn to record procedures and activities about their art-making practice in their Visual Arts diary.

They learn to investigate and respond to a wide range of artists and artworks in art-making, critical and historical studies. They also learn to interpret and explain the function of and relationships in the art-world between the artist – artwork – world – audience to make and study artworks.

(Head Teacher: Mr San Martin)

Questions to ask about the subject:

1) _____

2) _____

3) _____