Subject Selection Guide
Year 9, 2022 into Year 10, 2023

Updated – 21st July 2021

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A MESSAGE FOR PARENTS

This booklet has been prepared to help your son/daughter make decisions that are important for his/her future. Each student is required to choose elective courses for study in years 9 & 10, leading to the award of the RoSA (Record of School Achievement) in 2023.

Whilst it is important that the student prepares at school for a future occupation, it is equally important that the student receives the type of broad education from which a variety of occupation choices may stem. It is particularly important that the student has the best possible preparation for taking part in a future focused society that is subject to rapid change and increasing diversity.

This booklet is designed to give you and your child clear details of the school's Stage 5 curriculum offered in years 9 & 10, whilst enabling you to help them with possible choices.

An important point that must be made very clear is that, **these choices are final** and may not be changed **unless exceptional circumstances arise.**

If you and your son/daughter find it difficult to reach a final selection, discussion with the Year Adviser or the Deputy Principals is advisable.

Mr Mitchell
Principal

This is a very important decision.
Courses selected here are studied for the next 2 years.
Read this guide carefully & seek additional information if required.

COURSE OF STUDY - YEARS 9 and 10

Students are required to study the following mandatory subjects to satisfy RoSA requirements:

- English
- Mathematics
- Science
- Geography and History (HSIE)
- Personal Development, Health and Physical Education (PD/H/PE)
- Sport
- Two x 200 hour Electives, (2 year courses)

Moving into Year 9 and 10 is the next step towards achieving a Record of Student Achievement (ROSA). The ROSA is a cumulative credential issued by the New South Wales Educational Standards Authority (NESA).

The ROSA is a set of A-E grades that the student achieves in each of their subjects based on their work that is measured against either a set of course performance descriptors or a common grade scale depending on the year of study.

Students will be eligible for a ROSA if they:

(a) Follow the course developed or endorsed by NESA

(b) Apply themselves with diligence and sustained effort

(c) Achieve some or all of the course outcomes

In addition, students need to maintain a high level of attendance up until the last day of the school year.

The ROSA is not to distributed through the school, at their point of exit, students will be given instructions on how to access their ROSA through NESA students online.

SUPPORT FOR STUDENTS WITH DISABILITY

Life Skills

All students are entitled to participate in and progress through the curriculum. All NSW Syllabuses in Years 7–10 contain Life Skills outcomes and content for students with disability who cannot access the regular course outcomes, particularly students with an intellectual disability. Please speak with the school if you feel your child would benefit from accessing Life Skills for any of the elective courses.

Students enrolled in the Disability Support Unit

All students are entitled to participate in and progress through the curriculum. Students enrolled in specialist classes can select elective courses that align with their goals and interests. Elective courses are delivered by mainstream subject specialist teachers. Due to staffing and timetable constraints, not all elective classes are able to be supported with additional learning support such as a School Learning Support Officer (SLSO). As such we would strongly recommend you speak with the Head Teacher, Disability Support about which elective options would be most suitable for students enrolled in specialist classes prior to making a final decision.

CHOOSING ELECTIVES

Students are required to make FOUR selections from the courses outlined in this guide in order of preference. It is important that you list your MOST PREFERRED subject FIRST, SECOND MOST PREFERRED subject SECOND and so on.
Below are the Elective courses proposed for Year 9 2022 and into Year 10, 2023.

• Child Studies • Commerce • Design and Technology • Dance • Drama • Food Technology • Industrial Technology - Engineering • Industrial Technology – Multimedia • Industrial Technology - Timber	• iSTEM • Korean • Marine and Aquaculture Technology • Music • Photographic and Digital Media • Physical Activity and Sports Studies • Textiles Technology • Visual Arts

POINTS TO CONSIDER

Students -

- to choose the courses in which they are interested
- to choose the courses that are most suited to their capabilities
- **not** to choose a course simply because friends have chosen it
- **not** to choose a course because they like a particular teacher
- **not** to choose a course just because an elder sister or brother has done it.

Parents

Many of the elective courses will have compulsory subject contributions to cover the costs of materials or equipment that become the property of the student during the course of study. These contributions should be carefully considered when selecting such electives. It is expected that these contributions be paid.

COURSES

CHILD STUDIES

Course Fee Yr 9 - $10
Yr 10 - $10

The aim of the course is to develop student's knowledge, understanding and skills to positively influence the wellbeing and development of children in the critical early years in a range of settings and contexts.

Students will develop an understanding of child development from preconception through to and including the early years of childhood. They will learn to value and appreciate the positive impact that significant others play in the growth and development of children.

The content is organised into the following modules:

- Preparation for parenthood
- Conception to birth
- Family interactions
- Newborn care
- Growth and development
- Play and the developing child
- Health and safety in childhood
- Food and nutrition in childhood
- Children and culture
- Media and technology in childhood
- Aboriginal cultures and childhood
- The diverse needs of children
- Childcare services and career opportunities

Child Studies can contribute to your fundamental knowledge of concepts in greater detail in Year 11 and 12 in Personal Development, Health and Physical Education, Community and Family Studies, Exploring Early Childhood and Sport, Lifestyle and Recreation.

Possible occupations may include; teacher, nurse, midwife, childcare worker, paediatrician, child dietician and many more.

COMMERCE

Course Fee Yr 9 - $0
Yr 10 - $0

The commerce course is designed to meet the needs of all students by covering a range of topics that will be important to them throughout their lives. Commerce will equip students with financial literacy and will provide a range of skills necessary to make informed choices and decisions, as members of Australian society.

The Year 9 and 10 Commerce course has four **core topics:**

- Consumer and Financial Decisions
- Employment and Work Futures
- The Economic and Business Environment
- Law, Society and Political Involvement

A number of **option topics** include:

- Our Economy
- Investing
- Promoting and Selling
- Running a Business
- Law in Action
- Travel
- Towards Independence
- School-developed Option

Possible program of study

Year 9 Course (100 hours)

- Consumer and Financial Decisions (25)
- Law, Society and Political Involvement (25)
- Running a Business (25)
- Promoting and Selling (25)

Year 10 Course (100 hours)

- The Economic and Business Environment (20)
- Employment and Work Futures (20)
- Law in Action (20)
- Towards Independence (20)
- Travel (20)

The Commerce course in Years 9-10 introduces many topics and themes from Business Studies, Economics and Legal Studies. These subjects will be offered by the HSIE faculty for Years 11-12.

DANCE

Course Fee Yr 9 - $10 + $40 COSTUME FEE
Yr 10 - $10 + $40 COSTUME FEE

Dance provides students with opportunities to experience and enjoy dance as an artform as they perform, compose and appreciate dance. Students will develop knowledge, understanding and skills about dance as an artform through:

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

Students will learn about the elements of dance (space, time and dynamics) and how they are used in, and link, the three practices. They will learn about performing dances with an awareness of safe dance practice, dance technique and performance quality. They will learn about how dance expresses ideas, feelings and experiences as they construct dance compositions to communicate ideas. They learn about people, culture and society as they study and analyse dance performances, compositions and dance works of art.

Dance can contribute to your fundamental knowledge of concepts in greater detail in Stage 6 Dance.

Possible occupations may include; performer, chorographer, dance teacher, high school teacher, film maker and dance critic.

Please note: Dance is a performance-based subject. Students will therefore be expected to perform as required. This could include class performances, school events and the In The Spotlight Dance Festival (Regional Dance Festival).

DESIGN AND TECHNOLOGY

Course Fee Yr 9 - $60
Yr 10 - $60

The Design and Technology course will engage students in designing and producing a range of solutions to real world problems and allow them to develop thinking skills for their future. 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. These design projects can incorporate a range of materials including metal, plastics, computing, textiles, graphics and timber. A design project is the main learning activity of students during a unit of work and culminates in the designed solution and portfolio documentation. The design project should be relevant to the student and address a predetermined need.

The use of high-level computer aided drawing and 3D modelling facilities unique to Oran Park High are also a focus. Students will also use low tech solutions to create a sustainable future.

Outcomes

By the end of Year 10 students should be able to:

- Analyse, apply and justify a range of design concepts and appropriate processes when developing design ideas and solutions.
- evaluate and explain the impact of past, current and emerging technologies on the individual, society and environment.
- analyse the work and responsibilities of designers and the factors affecting their work.
- evaluate designed solutions that consider preferred futures, the principles of appropriate technology, and ethical and responsible design.
- develop and evaluate creative, innovative and enterprising design ideas and solutions.
- use appropriate techniques when communicating design ideas and solutions to a range of audiences.

DRAMA

Course Fee Yr 9 - $0
Yr 10 - $0

In Drama students will experience in an integrated study of:

- Elements of drama
- Practices of making, performing and appreciating
- Context of a range of dramatic forms, performance styles and their dramatic techniques and theatrical conventions.

Students will learn and take part in activities through:

- Improvisation
- Character Development
- Story Telling
- Playbuilding
- Mime and Movement
- Theatre History
- Commedia Dell arte
- Scripted Performance
- Film Study
- Costume Design
- Set Design

You might be part of a class item that is prepared and auditioned to be part of the regional Drama Festival, Performance night or any other performing opportunity that is offered to the school.

FOOD TECHNOLOGY

Course Fee Yr 9 - $80
Yr 10 - $80

The Australian Food Industry is growing in importance, providing employment opportunities and increasing the relevance of Food Technology for the individual and society. 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 work practices and legislation in the production of food.

Students explore food-related issues through a range of practical experiences, allowing them to make informed and appropriate choices. They are provided with opportunities to develop practical skills in preparing and presenting food to enable them to select and use appropriate ingredients, methods and equipment.

There are eight focus areas of study in this course including:

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

Through a study of food and its applications in domestic, commercial, industrial and global settings, this course caters for all students' needs and interests. It contributes to both vocational and general life experiences. Integral to this syllabus is the ability to design, produce and evaluate solutions to situations involving food. These skills are transferable to other study, work and life contexts that students may encounter.

Careers

Experiences gained from a study of this course will form a basis for the following careers: appliance/cookery demonstrator, cake decorator, kitchen hand, domestic assistant, events caterer, baker, butcher, pastry chef, small goods manufacturer, dietician, food technologist, hospitality worker, nutritionist or many more.

INDUSTRIAL TECHNOLOGY – ENGINEERING

Course Fee Yr 9 - $50
Yr 10 - $50

In Industrial Technology - Engineering students will have opportunities to develop knowledge, understanding and skills in relation to engineering and its associated industries, with the emphasis on practical experiences. Core modules develop knowledge and skills in the use of materials, tools and techniques related to structures (bridges, buildings, dams, chairs etc) and mechanisms (levers, pulleys, gears, cams etc). These are enhanced and further developed through the study of specialist modules in control systems (robotics, electronics, hydraulics, pneumatics etc) and alternative energy (solar, wind etc).

Industrial Technology - Engineering develops students' knowledge and understanding of materials and processes in engineering our world. 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.

The major emphasis of the engineering course is on students actively planning and constructing quality practical projects to demonstrate and enhance their understanding of engineering concepts. 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.

Students will require an Arduino Uno microcontroller for projects in year 10. Students received this controller in Year 8 Technology Mandatory.

INDUSTRIAL TECHNOLOGY – MULTIMEDIA

Course Fee Yr 9 - $30
Yr 10 - $30

The Industrial Technology - Multimedia course provides opportunities for students to develop knowledge, skills and understanding of the multimedia, photographic and associated industries.

This is an applied computing course. By this we mean that students will spend most of their time using computers producing multimedia products.

The nature of the Industrial Technology - Multimedia course will provide a wide range of learning opportunities that strongly link theory to practice. This assists in developing and reinforcing the specific knowledge, understanding and skills related to multimedia and photography-related technologies, industry and practices.

Students will be exposed to industry standard software and equipment.

These learning experiences will include but not be limited to:

- Computer Animations (2D and 3D)
- 3D Modelling
- 3D Printing
- Video (capture, editing and special effects)
- Computer Graphics, Image Creation and Editing
- Sound Creation/Editing
- Working with ‘green screens’ as film production tools
- Webpage Creation and Maintenance
- Creation and Coding of 2D and 3D Computer Games
- New technologies and software will be included as they become available.

As a result of this work students will develop the following knowledge, understanding and skills:

- application of Workplace Health & Safety (WHS) risk management procedures and practices
- an appreciation of quality in the design and production of practical projects
- the relationship between the properties of materials and their applications
- communication of ideas, processes and technical information with a range of audiences
- the relationship between technology, leisure and lifestyle activities and further learning
- evaluation of manufactured products in order to become a discriminating consumer
- the role of traditional, current, new and emerging technologies in industry and their impact on society and the environment.

As practical work is the major focus of the course, much of the assessment will take place in the context of the quality of these projects in conjunction with the research and design of these projects. In addition, written practical tests, research projects and written reports will be issued to assess student’s performance.

INDUSTRIAL TECHNOLOGY – TIMBER

Course Fee Yr 9 - $60
Yr 10 - $60

Industrial Technology – Timber provides students with an opportunity to engage in a diverse range of creative and practical experiences using a variety of tools and equipment widely available in industrial and domestic settings. Core modules develop knowledge and skills in the use of materials, tools and techniques related to general woodwork which are further enhanced through the study of specialist modules in Cabinetwork and Wood Machining.

Industrial Technology develops students' knowledge, understanding, skills and values related to a range of technologies through safe interaction with materials, tools and processes. This is achieved through careful planning, development and construction of quality practical projects. The course also aims to develop students' understanding of the relationship between technology, individual and societal needs and the environment.

The major emphasis of the Industrial Technology – Timber course 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. Students document the development of each practical project in a design and production folio and this forms a part of the overall assessment of each topic.

Students will construct a range of projects that could include puzzles, chopping boards, wall clocks, mirror frames, small coffee tables and footstools.

iSTEM: Integrated, Science, Technology, Engineering & Mathematics

Course Fee Yr 9 - $60
Yr 10 - $70

STEM disciplines for the future economic and social well-being of Australia cannot be underestimated.

Class members have the option to participate in a variety of competitions and STEM based intervention programs during the course. Students will also study a variety of themed units of work focusing on the application of science, technology, engineering and mathematics to real life situations, through inquiry and practical project based learning techniques.

Course Outline

- STEM Fundamentals
- Aerodynamics
- Motion
- Mechatronics
- 3D CAD/CAM
- Surveying
- Design for Space
- Statistics in action
- STEM Project Based Learning Task

Please note:

This course is not an approved NESA course, therefore will not appear on the Record of School Achievement (ROSA).

KOREAN

Course Fee Yr 9 - $0
Yr 10 - $0

Learning languages provides the opportunity for students to engage with the linguistic and cultural diversity of the world and its peoples. Through the development of communicative skills in a language and understanding of how language works as a system, students further develop literacy in English, through close attention to detail, accuracy, logic and critical reasoning.

Learning languages exercises students' intellectual curiosity, increases metalinguistic awareness, strengthens intellectual, analytical and reflective capabilities, and enhances critical and creative thinking.

The study of Korean provides access to the language and culture of one of the global community's most technologically advanced societies and economies. Through learning the Korean language, students engage with modern Korea, including popular culture as well as the rich cultural tradition of this part of Asia.

Stage 5 Korean will build upon students' knowledge from year 8. The course is highly practical, and students will apply their newly developed language skills, and increase their intercultural understanding and awareness through the immersion program with our sister school in South Korea. The program will have students organise, plan and engage in video conferences with our sister school, and write letters in Korean to their assigned pen-pal.

By the end of the course, students will be able to:

- Read and write in the Korean writing system 'Hangeul'
- Converse in Korean with native speakers
- Understand and use a wide range of grammar structures
- Develop an expansive Korean vocabulary
- Understand the inter-dependence of language and culture
- Increase their intercultural understanding and awareness

MARINE AND AQUACULTURE TECHNOLOGY

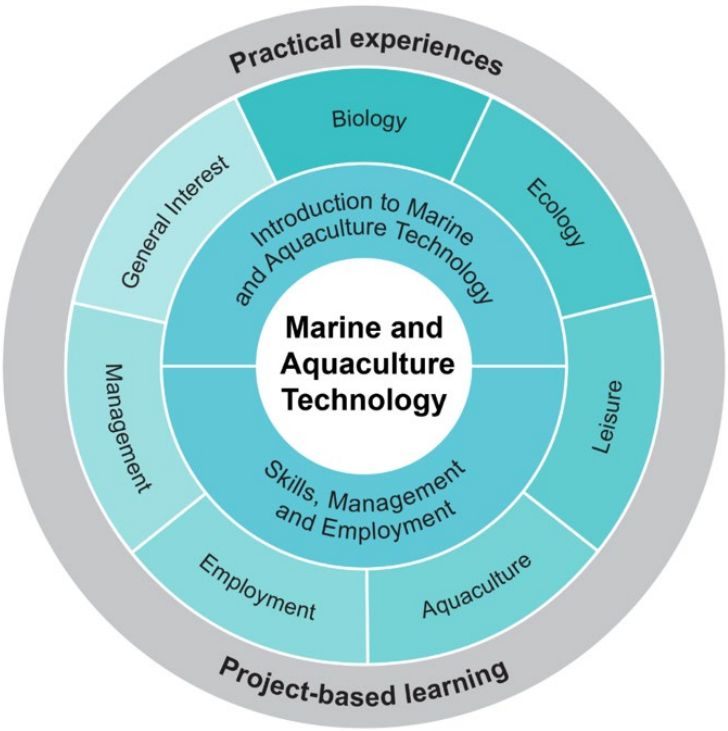
Course Fee Yr 9 - $50
Yr 10 - $50

Marine and Aquaculture Technology in Years 7–10 fits into an emerging field of study relating to sustainability of marine and related environments. Australians must be aware of and understand this fragile environment, and consider how to effectively manage 69 630 kilometres of coastline, 14.8 million square kilometres of continental shelf, 12 000 islands, 783 major estuaries and the life they contain.

Marine and Aquaculture Technology provides an opportunity for the future custodians of this environment to study it and to appreciate its value. It gives them the opportunity to develop the necessary knowledge and skills to use and protect its unique ecosystems, and at the same time communicate their appreciation to the community. It provides an opportunity to instil in students an acceptable ethical code towards the use of the marine environment, increasingly demanded by the community and governments.

By studying Marine and Aquaculture Technology students develop technological and scientific literacy. They increase their capacity to think critically by calling upon a wide range of knowledge, procedures and approaches to analyse issues and develop solutions. They are required to examine the impact of technology and human activity on the marine environment.

Course Outline



MUSIC

Course Fee Yr 9 - $20
Yr 10 - $20

Music plays important roles in the social, cultural, aesthetic and spiritual lives of people. 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.

Students will study various topics including Popular Music, Australian Music, Classical Music & Jazz and will have the opportunity to collaborate on tasks and work on developing technique and skills in the following areas:

- Performance (playing an instrument OR singing)
- Composition (writing/ creating/ arranging music)
- Aural (listening, analysing, responding to musical examples)
- Musicology (history and theory of Music)

MUSIC is <u>not restricted to those who already play an instrument.</u>

Commitment to independent practice and enthusiasm are all that is necessary.

PHOTOGRAPHIC AND DIGITAL MEDIA

Course Fee Yr 9 - $40
Yr 10 - $40

The study of Photographic and Digital Media provides students with learning opportunities enabling them to gain accomplishment and independence in the representation of their ideas in the fields of photography and digital imaging. Students will develop knowledge, skills and understanding through the process of making photographic works whilst developing conceptual ideas and technical skills. The course provides opportunities for students to engage in practical experimentation, as well as critical and historical investigations of their own work and that of other photographic artists. Over the course, students will study a range of topics across the fields of digital imaging, animation and/or video.

Undertaking this course students will learn:

- how to use a digital SLR camera and the technical aspect of taking photographs
- to use Adobe Photoshop and Premiere to manipulate and edit photos and create videos
- filming and camera technique, storyboarding and editing
- about historic and contemporary photographers, film-makers, animators and artists
- to develop knowledge, understanding and skills to critically and historically interpret photographic and digital works

This course consists of 60% practical and 40% theory.

PHYSICAL ACTIVITY & SPORTS STUDIES

Course Fee Yr 9 - $0
Yr 10 - $0

Physical Activity and Sports Studies is an extension of the PDHPE program with particular emphasis on the factors that influence physical performance. Each aspect of the course involves practical and theoretical work and is especially relevant to those students who are interested in sport and physical activity.

Students will have practical experience in:

- fitness testing and sports training
- all major sports and team games
- recreational sports
- skill acquisition
- sports coaching
- first aid and sports injuries
- international sports.

There is a possibility of at least one field trip or excursion each year, thus there will be a small cost at times.

It is hoped that as a result of this course students will:

- better understand the scientific basis of human movement
- understand all factors that affect physical performance
- understand the history of sport and the place of sport in our society
- improve their competence in a variety of movement skills, team games and recreational activities.

PASS can contribute to your fundamental knowledge of concepts in greater detail in Year 11 and 12 in Personal Development, Health and Physical Education and Sport, Lifestyle and Recreation.

Possible occupations may include; teacher, fitness instructor / personal trainer, physiotherapist, sports psychologist, sports medicine practitioner, sports trainer and many more.

TEXTILES TECHNOLOGY

Course Fee Yr 9 - $40
Yr 10 - $40

The study of Textiles Technology provides students with the opportunity to develop confidence and proficiency in the design, production and evaluation of textile items. Students will actively engage in learning about the properties and performance of textiles, textile design and the role of textiles in society.

Students will learn how to use the sewing machine when designing and making their own textile items along with fabric decoration techniques and how to modify and use commercial patterns. Students learn design communication skills such as fashion drawing and design sketching using the elements of design. Students also learn about the properties and performance of textiles, textile designers and the textile industry.

Project work forms the basis of every unit of work and students are expected to complete a textile item for each of these units of work. It is expected that there will be a gradual increase in the level of challenge presented by each project. Students will document their project work to show inspiration, research, experimentation and production of their project.

Practical projects over the two years stem from the five textiles focus areas:

- apparel
- non-apparel
- costume
- textile art
- furnishing

Students will be required to provide their own fabric and notions for each textiles project. The course cost covers the cost of general items such as needles, threads, vliseofix, print paste, dye and other minor materials that students will use in the development of projects.

VISUAL ARTS

Course Fee Yr 9 - $60
Yr 10 - $60

In this course students will continue to build on skills initiated in the Year 8 Mandatory course. They will continue to work in a range of mediums, creating artworks in 2-Dimentional, 3-Dimentional and/or 4-Dimentional forms.

Students will learn to make artworks exploring traditional and contemporary techniques and concepts. They will learn to develop their research skills, approaches to experimentation and how to make informed personal choices and judgements about their work. They will also learn to record procedures and activities about their art making practice in their Visual Arts diary.

Students will investigate and respond to a wide range of artists and artworks and use their practice as a source of inspiration. They will also learn to interpret and explain how artmaking practice can be influenced by the world around them.

Students should choose Visual Arts if they want to expand their creative thinking and would like the opportunity to learn more about themselves as an artist and other artists artworks.

Visual Arts will:

- be motivational and engaging
- relate to life and expand curiosity
- allow students to have a degree of control and give them opportunities to make choices about their artworks
- develop their ability to think outside the square and develop their visual literacy

Expressive forms that may be explored throughout the Stage 5 course consist of

- Drawing
- Painting
- Mixed Media and Collage
- Printmaking
- Sculpture
- Digital Photographic Media

This course consists of 60% practical and 40% theory.