

# NAGLE CATHOLIC COLLEGE OPTIONS SELECTION FORM YEAR 9 OPTIONS IN 2020

NAME: \_\_\_\_\_ Home Room: \_\_\_\_\_

## IMPORTANT NOTES

- In Year 9 students will study six (6) options – three per Semester
- Students MUST select Top **6** courses
- Students MUST select **6** Reserve courses
- Students CANNOT select the same option twice
- Students may select no more than **3** courses from Health and Physical Education
- Parents MUST sign off on the option choices
- Forms are to be handed in Reception as soon as possible
- Late submissions make it less likely for students to get their most preferred selections.
- Nagle Catholic College reserves the right to withdraw courses for which there is insufficient demand.

	SELECT TOP 6 COURSES	CODE
1		
2		
3		
4		
5		
6		
	SELECT 6 RESERVE COURSES	CODE
1		
2		
3		
4		
5		
6		

PARENT SIGNATURE: \_\_\_\_\_

## YEAR 9 2020 OPTION LIST

LEARNING AREA	COURSES	CODE
ARTS	Ceramics	9CER
	Dance: Creative	9DAC
	Digital Photography	9DIP
	Drama	9DRA
	Illustration and Design Graphics	9ILD
	Media	9MED
	Musical Futures	9MUI
	Music Technology	9MUT
	Painting and Drawing	9PAD
ENGLISH AND LANGUAGES	Japanese	9JAA
	Meditation	9ZEN
HEALTH AND PHYSICAL EDUCATION	Fitness for Life	9FFL
	Outdoor Education	9ODE
	Recreation	9REC
	Sport: Boys	9SPB
	Sport: Girls	9SPG
SCIENCE	Astronomy	9AST
	Projectile Motion & Rocketry	9ROC
TECHNOLOGIES	<b>DESIGN AND TECHNOLOGIES</b>	
	Engineering: Music Madness	9EMA
	Engineering: Power Lifting	9EPL
	Food Technology: Basic Cookery	9FBC
	Food Technology: Iron Chef	9FIC
	Food Technology: Sweet and Savoury	9SAS
	Jewellery Making	9JEW
	Metalwork A	9MWA
	Metalwork B (You must have selected Metalwork A in Semester 1 to do this course)	9MWB
	Textiles: In Da Hood	9IDH
	Textiles: Macrame	9TMA
	Woodwork: Construction	9WWC
	Woodwork: Manufacturing	9WWM
	<b>DIGITAL TECHNOLOGIES</b>	
	Design Technical Graphics	9DTG
	Robotics	9ROB

**COURSE DESCRIPTIONS ARE ATTACHED**

# YEAR 9 2020

## COURSE DESCRIPTIONS IN DETAIL

### THE ARTS

#### **CERAMICS**

Students can take advantage of our outside classroom where they will be introduced to clay and its sculptural properties. In the first half of the course students learn several joining techniques and the Art of glazing. In the second half of the semester they are asked to develop and create a final Clay Mask.

#### **DANCE CREATIVE**

Creative Dance explores the Elements of movement – the building blocks of Dance – and then allows students to create their own routines using a number of different starting points (Choreography). It will increase your imagination as well as your flexibility, fitness and cooperation skills. This course does not need any previous dance experience, just the willingness to 'move your body'. Boys and girls are welcome.

#### **DIGITAL PHOTOGRAPHY**

The course helps students to develop skills in taking photos using Canon DSLR cameras, offers more advanced Photographic skills & techniques and continues to develop skills in Photoshop. Students have the chance to use professional equipment in the Photo Lab and create a portfolio of work using Adobe InDesign. Canon DSLR cameras will be provided for this course. The course also requires students to take Photography at home using their own device. At the completion of the course students will receive a full colour gloss print approximately A3 in size.

#### **DRAMA**

The Year 9 Drama course takes students further into Drama studies and should appeal to students interested in extending skills in performance acting, production technology and backstage as students learn how to take a play script from the page to the stage. The final assessment takes shape as a full-scale mini studio production in front of an invited audience. The assessment combination of acting and non-acting production roles enables students to choose their assessment path according to their area of interest.

#### **ILLUSTRATION & DESIGN GRAPHICS**

This course continues to develop skills in Adobe software, in particular Adobe Illustrator and Adobe Photoshop. Students will learn more about contemporary digital illustration techniques through the development of a computer-generated self-portrait. This course is for those students who love to create Art using digital software. Students will receive a printed A2 sized computer-generated self-portrait as their final artwork.

#### **MEDIA**

Learn the art of making movies including Animation – camera angles, special effects and editing all add to the magic of a great film. Students will develop Skills, before working in teams to create a final movie feature. Learn how to use the Arts Equipment, Adobe Premiere Pro, tripods and lighting equipment to get great results. The unit ends with a film screening.

#### **MUSICAL FUTURES**

Ideal for those students who already play or are interested in playing an instrument. No experience is required to start learning about music. Students work in groups to learn and perform songs, which are fun and interesting to play. Listen, perform and create songs covering many different kinds of music. Learn how to read and write musical notation and/or guitar tablature.

#### **MUSIC TECHNOLOGY**

This course is ideal for students who wish to further develop an understanding of music through the use of technology. All of the available technology will be used in this course, including Recording equipment/ Microphones, Launch Pads and Ableton PUSH Controller, BOSS RC505 Loop Station, MIDI Keyboards and DJ Decks. Students begin to compose significant pieces of music and learn about different Electronic Music styles. Students are introduced to the industry standard software, Ableton Live.

## **PAINTING AND DRAWING**

The Year 9 Painting and Drawing class aims to give students a good insight into the different styles, techniques, mediums and artists associated with contemporary painting and drawing. The theme for this project focuses on contemporary 'Skateboard art'. The project will have a strong focus on the use of illustration, pattern and text. Students will begin with a series of folio-based activities in which they will explore different aspects of this style, which will lead towards designing a skateboard deck as a final art piece.

## **ENGLISH AND LANGUAGES**

### **JAPANESE**

This course provides students with the opportunity to continue building on their knowledge of Japanese from Year 8. Students enhance their Reading, Writing and Oral skills through a number of interactive learning experiences with an emphasis on successful communication. Japanese culture is also a focus of this course intending to help students with their understanding of the target language and how it is used in different contexts. Students who choose this subject will need to have studied some Japanese in Year 8.

### **MEDITATION**

Ommmm! This course is all about YOU and learning to 'chill' to improve your health, memory and overall wellbeing. We will explore the many ways people meditate, the science behind meditation, the many benefits of meditation and the tips and tricks to help you meditate for more focus, peace, calm and relaxation in your life. We will learn about the various types and styles of mediation and develop our own meditation practice. If you're someone who struggles to relax, or you just want to learn ways to manage stress, then this course is perfect for you. Let's chill!

## **HEALTH AND PHYSICAL EDUCATION**

### **FITNESS FOR LIFE**

In this course students will be participating in a practical fitness program designed to enhance their own physical fitness. Students will have their level of fitness recorded and monitored and will attend the gym on a regular basis in conjunction with other activities such as group fitness and strength training, yoga, swimming and interval training in order to improve their level of physical fitness.

### **OUTDOOR EDUCATION**

This is a practical based course that increases students' knowledge, awareness and appreciation of the outdoor environment. Students will learn the skills of snorkelling, hiking, camping, camp cooking, cycling, ocean kayaking, basic first aid, minimum impact techniques and more. The course also involves theory sessions on all these topics. Highlights of the course include an overnight expedition to Little Bay (near Horrocks Beach).

### **RECREATION**

This is a mixed course consisting of recreational activities and practical sports including badminton, squash, carpet bowls, table tennis, croquet, tennis, and go-go golf etc. Assessment will be on participation, performance and skills.

### **SPORT: BOYS**

This is a boys' only course where the focus will be on improving skills and fitness in a variety of sports such as lacrosse, volleyball, Gaelic, AFL, American football, golf, fitness and aquatic based sports. Assessment will be on participation, performance and skills.

### **SPORT: GIRLS**

This is a girls' only course where the focus will be on improving skills and fitness in a variety of sports such as volleyball, basketball, netball, touch rugby, fitness circuits, boxercise and aquatic based sports. Assessment will be on participation, performance and skills.

## SCIENCE

### **ASTRONOMY**

In this course students, will be introduced to the study of the night sky and practise observational skills which include the use of telescopes. Also, students will have the opportunity to develop a deeper understanding of the structure of the Solar System, the Milky Way and the Universe.

### **PROJECTILE MOTION AND ROCKETRY**

This course will investigate the motion of projectiles and rockets as they move through the air. Topics covered will include the prediction of the flight paths of self-propelled model rockets and testing these predictions. \*Warning – Science content\*.

## TECHNOLOGIES: DESIGN AND TECHNOLOGIES

### **ENGINEERING: MUSIC MADNESS**

This course builds on the basic understanding of electronics and composite materials through the creation of a custom 3D printed take-home Bluetooth speaker. The future of construction is 3D printing and students will learn how to model their ideas in software and make them a reality!

### **ENGINEERING: POWER LIFTING**

This course builds on the basic principles of Engineering mechanisms. Students who love being in the workshop and making hands-on projects will enjoy this course. Students will design and build mechanisms that automate and improve everyday functions such as a mechanical arm.

### **FOOD TECHNOLOGY: BASIC COOKERY**

This course will involve learning basic skills safely, using basic ingredients, utensils (including knife skills), equipment and techniques to create meals you will eat time and time again, including poached eggs, stir-fry, curries, burgers, snacks, pies, bread, soups and pizza. Students will choose from a range of dishes to make. When a student has the potential for a mild allergic reaction the following precautions will be taken: the use of alternate ingredients and spatial arrangement.

### **FOOD TECHNOLOGY: IRON CHEF**

This course will involve learning new skills safely and using a broad range of ingredients, utensils, equipment and techniques to create various delicious dishes including eggs benedict, stir-fry, spaghetti bolognese, cakes, bread, soups and pizza. Students will choose from a range of dishes to make. Finally students will create their own individual dish in an Iron Chef cook off. When a student has the potential for a mild allergic reaction the following precautions will be taken: the use of alternate ingredients and spatial arrangement.

### **FOOD TECHNOLOGY: SWEET AND SAVOURY**

This course will involve learning new skills safely and using a broad range of ingredients, utensils (including knife skills), equipment and techniques to create various delicious sweet and savoury dishes and finally creating their own individual dish with the skills they have learned. Student will learn how to make healthy balanced and nutritious meals including the perfect poached eggs, stir-fry, spaghetti bolognese, cakes, bread, soups and pizza. When a student has the potential for a mild allergic reaction the following precautions will be taken: the use of alternate ingredients and spatial arrangement.

### **JEWELLERY MAKING**

In this course students are challenged to design and make items of jewellery. The course develops an understanding of the design cycle and builds practical capability through the production of rings, bangles and pendants.

### **METALWORK A**

In this course students are encouraged to use a range of specialist hand-tools and machines including MIG welding equipment. The course emphasises basic skills, reading of working drawings and then using these skills to make your own projects.

## **METALWORK B (SEMESTER 2 – You must have done Metalwork A before doing this course)**

In this course students are encouraged to use a range of specialist hand-tools and equipment. The course allows for students to become involved in extended project development from the design to the completed construction stage.

### **TEXTILES: IN DA HOOD**

Ever wanted to have a go at making your own hoodie? If you do, this is the course for you! In da hood will teach you how to sew stretch fleece fabric and to use the Janome 500E embroidery machine to embroider a customised design on to the hoodie. The course focuses on how to read a commercial pattern, sewing stretch fabrics and programming the embroidery machine. This course offers experience on the computerised sewing machines, overlockers and embroidery machines.

### **TEXTILES: MACRAME MADNESS**

This course is designed for students to expand their creativity and skills in textiles by learning the art of the knot. Students will be able to create a range of fashionable items such as handmade bracelets, belts, hanging plant holder and/or clutch bag. This course offers experience in hand crafts, specifically several types of macramé knots.

### **WOODWORK: CONSTRUCTION**

Students meet more detailed and complicated construction challenges utilising composite materials and wood products. Students initially complete skill exercises and then apply these skills in the manufacture of more complex projects.

### **WOODWORK: MANUFACTURING**

Students learn systems of manufacture to increasingly complete projects independently. Machines are used to cut, shape and join solid timber. This course provides opportunities to develop practical skills, knowledge and confidence in using a variety of materials, tools and machines. Students will enjoy the creativity, challenges and satisfaction of planning and making useful items from timber and wood products.

## ***TECHNOLOGIES: DIGITAL TECHNOLOGIES***

### **DESIGN TECHNICAL GRAPHICS**

In this course students will follow the design process to draw objects in both 2 dimensions and 3 dimensions using AutoCAD and Autodesk Inventor. Towards the end of this course students design and create a personalised product e.g. robot or action figure and 3D print it.

### **ROBOTICS**

Students use the LEGO Mindstorms EV3 system to learn the basic principles of robotics. Skills taught include construction, programming and piloting. The easy to use drag and drop interface allows students to complete challenges including finding and retrieving a palette in a warehouse. At the end of this course students participate in a “Battle Bot” challenge.