YEAR 9 OPTIONS IN 2021

IMPORTANT NOTES

Attached to this page are the Options available to Year 9 students in 2021

- 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
- Nagle Catholic College reserves the right to withdraw courses for which there is insufficient demand.

If your child is not returning to the College in 2021, please email nagleadmin@cewa.edu.au you child’s intentions for 2021.
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COURSE DESCRIPTIONS ARE ATTACHED
CERAMICS
A Lidded Box!
Students will create their own unique lidded clay box, a small pinch pot and a tile. You will be introduced to clay and its sculptural properties in our outdoor classroom while developing techniques to apply surface decoration and texture to clay bodies. After learning the basics of clay through some mini projects, skills will be developed through the creation of your own themed ceramic box. Students will be introduced to a wide range of methods to decorate clay. This is a great pathway to the Year 10 Ceramics course and leads to further studies in upper school Visual Arts Courses.

DANCE
Building blocks of Dance!
The Dance course explores the Elements of movement – the building blocks of Dance – and then allows you to make up your 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’. Students will be encouraged to perform for an audience. The course provides excellent skills development for further studies in the Year 10 Dance course and is a fantastic pathway that leads to the upper school Dance courses.

DIGITAL PHOTOGRAPHY
Turn your Photos into beautiful Digital Artworks!
Students will have a choice of several large format digital print methods at the completion of this course and can take advantage of our large format printing with a final digital artwork printed onto skateboard decks or large wooden canvases! Students will continue to develop photography skills using Canon DSLR cameras. The course offers more advanced Photographic skills and techniques and continues to develop digital editing skills in Adobe Photoshop. The chance to use fantastic photography equipment in a designated Photo Lab. The course also encourages students to take weekly photographs at home using their own device. The course provides excellent skills development for further studies in the Year 10 Digital Photography course and a fantastic pathway that leads to the upper school Design courses.

DRAMA
Take a play from the page to the stage!
If you are interested in extending skills in performance acting, production technology and backstage as you learn how we take a published play script from the page to the stage, this is the course for you. Each strand of the course leads to the final project, taking shape as a full-scale Drama Studio production before an invited audience of friends and family in the NCC Theatre. Students will choose either an acting role, production role (costume, publicity, lighting, sound etc.) or both. Skills developed in this course will serve you well for further study in Year 10 Drama and are a great pathway to the upper school Drama courses.

ILLUSTRATION & DESIGN GRAPHICS
Learn how to use the Adobe software to create a large-scale Digital Portrait!
Students will receive a large format print approximately A2 in size of their final computer-generated portrait at the completion of the course. The Illustration course continues to develop skills in Adobe software, in particular Adobe Illustrator and Adobe Photoshop. Students will learn about contemporary digital illustration techniques through the development of a computer-generated Portrait. The course provides excellent skills development for further studies in the Year 10 Illustration & Graphic Design course and a fantastic pathway that leads to the upper school Design courses.
MEDIA
Stop Motion Animation!
Students will learn the art of making movies, producing their own Stop Motion Animation – mastering props and set design before directing behind the DSLR Camera. Editing skills are developed using a range of software options including Adobe Premiere Pro. This course is for those students interested in film, videography or simply wish to further their skills in Adobe software and filming, both practical transferable skills. The course is finished with a screening of the student films. The course provides excellent skills development for further studies in the Year 10 Media course and a fantastic pathway that leads to the Upper school Media Production & Analysis courses.

MUSICAL FUTURES
Write, arrange, perform and record an original 12 Bar Blues song!
Students will consolidate their skills in Music. A continuation of the key elements of music such as rhythm, tempo, pitch, dynamics, form and timbre to compose and perform music. Students experience music as performers and audience members, engaging in improvisation to create and communicate music ideas. A hands-on course designed to get the students playing Music. Performance is encouraged. The course provides excellent skills development for further studies in Year 10 Musical Futures and a fantastic pathway that leads to the upper school music courses.

MUSIC TECHNOLOGY
A pathway to Music Production!
Advance your knowledge on how to use Computer Software and DAWs to write and create your own music and beats and your own podcast. Learn file conversions so you can listen to your music at home or share with family and friends. This course develops advancements in music including learning to read music, hear intervals and advance skills in keyboard, digital launchpads and DJ stations. Learn how to record analogue instruments including Voice, Guitars, Bass and Drums. This course is for those students who love to create Music and wish to further their skills in Music Production. The course provides excellent skills development for further studies in Year 10 Music Technologies and a fantastic pathway that leads to the upper school Music courses.

VISUAL ART
Create your own Skateboard Deck!
Students will design and create a skateboard deck as a final art piece. The course aims to give students an insight into the different styles, techniques, mediums and artists associated with Contemporary Visual 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 explore different aspects of contemporary ‘Skateboard Art’ while developing a Language of Art. The course provides excellent skills development for further studies in the Year 10 Visual Arts Course and a fantastic pathway that leads to the upper school Visual Arts courses.

ENGLISH AND LANGUAGES

CREATIVE WRITING
Critical and creative thinkers will be given the tools to tinker with and explore their love of language in this course. Students can work towards contributing to school publications or entering competitions. They will enhance the depth and breadth of their understanding of stories from many genres. They will shape forms from Sonnets to Slam poetry, from Blogs to Bildungsroman; and be given the keys to the worlds of script writing for film and stage or simply to make us all laugh, cry and think from a new perspective.

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.
JOURNALISM
Students will develop skills in journalism whilst having privileged access to the Nagle Peer Press platforms to share their journalistic writing with the community. Newsroom style lessons and mini excursions will inspire investigative writing, as students develop firsthand knowledge of journalism styles, professionally managing social media, enhancing their writing skills and be introduced to the editing and publication process. This course provides excellent practical writing development and experience for further studies in Year 10 Journalism courses and skills applicable for the upper school English courses.

HEALTH AND PHYSICAL EDUCATION

COURT SPORTS
The focus of this course will be to improve skills and fitness in a variety of court specific sports such as volleyball, netball, tennis, basketball and badminton.

Assessment will be both theory and practical on the knowledge of sports, participation, performance and skills.

FIELD SPORTS
The focus of this course will be to improve skills and fitness in a variety of field specific sports such as AFL, soccer, hockey, touch and gaelic.

Assessment will be both theory and practical on the knowledge of sports, participation, performance and skills.

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.

Assessment will be both theory and practical on the participation, and performance.

OUTDOOR EDUCATION
This is a practical 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).

Assessment will be both theory and practical, including knowledge, participation, performance and skills displayed in class and also on camp.

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.

HUMANITIES AND SOCIAL SCIENCES

CRIMINOLOGY
Do like to solve mysteries or are you interested in forensic science and psychology? This course will allow you to get behind the scenes of some of the most notorious criminal cases. It will offer an introduction into criminal law, forensics, and crimes in Australia with a focus on miscarriages of justice. You will investigate mock crime scenes, forensics, visit the police station, courthouse and run a mock trial.

FIND IT AND MAP IT
Learn about the world around you. Challenge yourself and make a difference.
This course is about real-life problem solving for the 21st century using industry standard ArcGIS software, traditional mapping tools and fieldwork.

With this course you can take charge of your future. Learning technical skills is important and can help you find a volunteer opportunity, an internship, or even a job.

Every subject has its place, and GIS has its place in every subject. Learn skills that you can use in all of your classes, from geography to psychology.

**THE BIG HISTORY PROJECT**

The Big History Project is a course for curious and creative students that examines our past, explains our present, and imagines our future. It is a story about us, through the many thresholds of history starting with the big bang, through to the creation of human civilisations and to the future beyond even our imagination. The Big History Project utilizes experts from across the globe and cutting-edge technology including virtual reality and many online tools to navigate through 14 billion years of extraordinary moments in time. This course is much more than ‘history’ and ties together many disciplines, helping students develop a framework to organise what they’re learning both in and out of school and to develop a better understanding of how we got here, where we’re going, and how we fit in. This growing, multi-disciplinary approach is focused on critical and creative thinking, tying together big ideas and building informed arguments.

**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: ELECTRONICS**

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: MECHANICAL**

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 bolognase, 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.

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.

PROJECTS FOR THE HOUSE
Projects for the House provides a safe and creative learning environment with projects designed to appeal to your creative and artistic side. An emphasis is placed on developing practical skills while producing attractive work through good design and the application of decoration techniques. Projects include a crucifix, small decorative box and a student designed rack.

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 will 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 / INDUSTRIAL DESIGN
This course will develop Industrial Design skills with a focus on 3 dimensional objects. Students will design and create innovative new product such as gadgets and appliances that appeal to them. By using Autodesk products such as TinkerCAD, Fusion 360 and Inventor students will 3D print their designs.
**MINECRAFT EDUCATION**
Minecraft Education is an open world game that promotes creativity, collaboration, and problem-solving. In this course students will develop skills in gameplay, design, world creation and coding. Game-based learning allows students to set goals, initiate action toward those goals, and reflect and redirect based on feedback.

**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.