Issue 2, Term 1 – 25 February 2022

From the Principal

Welcome to Issue 2 of the College Newsletter, this coming Monday 28 February, the students of our College will attend a liturgy to commence the season of Lent, to recall our beginnings and reflect on what we anticipate to achieve during Lent.

Earlier this week, an email was sent on behalf of Mrs Joanne Mansour, Director of RE and Mission inviting you to journey with the College into a deeper relationship with Christ. The Chaplaincy at St. Charbel's College asked for you to nominate spiritual activities and time slots that may best work for you. With this information, the Chaplains will endeavour to design a spiritual program that attempts to cater for your spiritual needs. I encourage you to complete the google form via the link provided in the email.

Since the issue of the previous newsletter, both of the College High School and Primary School departments conducted their parent information evenings, via zoom. I hope that these sessions were both informative and enjoyable. If you were unable to attend, the meetings were recorded and will be uploaded to the College's YouTube channel in the coming days. The link is: https://www.youtube.com/channel/UC0LjqsL8djjL1Ng2PHj-Pqg. Also note you would like to view a clip on the channel and cannot find the link, go to the YouTube website and type 'St Charbel's College YouTube channel' in the search bar and this will take you there.

During the recent parent information meetings, I raised and addressed to you the current concerns in relation to the recent upsetting communications between parents and our College staff. As in previous communications, I encourage you to familiarise yourselves with the College policies. Please see the linkhttps://www.stcharbel.nsw.edu.au/StudentandStaffWellbeing/SchoolPolicies.aspx

The College has a busy couple of weeks coming up, I encourage you to visit the parent portal, to become familiarised with any important upcoming events. Should you require access to the parent portal, please email your request to info@stcharbel.nsw.edu.au.

Fr. Maroun Youssef
Principal

From the Director of Primary School

The Primary School hosted a Parent Information Evening on Wednesday. I trust parents found the evening informative and your questions and concerns were answered. We realise evenings are a busy time for parents

and thank those who supported the evening.

The meetings were recorded and are in the process of being uploaded to the College's YouTube channel. The videos are edited to remove gaps etc., which can take time, so it might take a few days for all the videos to appear.

https://www.youtube.com/channel/UC0LjqsL8djjL1Ng2PHj-Pqg

Interim report meetings with parents and their children's teachers will take place on Wednesday 6 April. These meetings will be held in a one-to-one setting and will give parents the opportunity to receive personal feedback regarding your children. Hopefully the meetings will be able to take place on the school campus. The format and details will be confirmed closer to the date.

The students are looking really smart in the new school uniform. Some children are leaving their belongings in the playground after recess, lunch or their sports lesson, despite reminders from their teachers. Please ensure your children's belongings are clearly marked with their name. Several items have been returned to their owners in the past few weeks because the owner's name was clearly marked on the item.

Ms Maree Kelly
Director of Primary School

From the Primary School Sports Coordinator
Jump Rope for Heart kicks off this term!

Jump Rope for Heart is a fantastic physical activity and fundraising program that has been run by the Heart Foundation for over 40 years. It's a great way for your child to keep fit and learn new skills, but it also helps raise funds for vital heart research and education programs.

Since Jump Rope for Heart started in 1983, schools like ours have raised more than $104 million for the Heart Foundation's lifesaving work.

It's important you register your child online, so they can receive the full benefits of the program and participate in online fundraising, simply follow the link below to get started or click on the QR code on the keyring the students bring home next week. www.jumprope.org.au/parents

The jump rope program will begin on **Wednesday 2 March 2022** where the students will be skipping throughout the term in PE lessons, during this time you can share their online fundraising page with family and friends to help raise money for this great cause.

We will hold our school Jump Off Day on **Wednesday 30 March 2022**, this will mark the end of the program and is a chance for everyone to come together to skip and show off their newly learned skills.

Thank you for supporting the Jump Rope for Heart program!

Mr Matthew Ryan
Jump Rope for Heart Coordinator

From our 4G Class
4G has been busy creating The Ten Commandments class display this week in our Religion lesson.

Mrs Giuseppina Badrous
4G Classroom Teacher

From the High School Science Coordinator

Every year students at St Charbel's College are given the opportunity to participate in the Big Science Competition.

The Big Science Competition is a 50 minute, multiple choice competition testing science knowledge, critical-thinking and problem-solving skills.

Due to remote learning last year we were unable to acknowledge the amazing results achieved by our students.

Congratulations to all the students who achieved a credit or distinction in the competition.

Special mention goes to George Khachan in Year 9 who achieved the college's first high distinction in the competition.

Mrs Therese Roumanous
Head of Department - Science

From the High School History Department

As Year 10 History students, with the guidance of our teacher Ms. Gee, we have been able to gain extensive knowledge about our topic 'Horrors of the Holocaust', specifically through the activity, "The Fishbowl", where groups were able to research about the holocaust and present their information to the class, thus further deepening our independence and understanding of the annihilation of the Jews in Germany.

Our class has been discussing and investigating Adolf Hitler's rise to power in 1933, particularly how he was an anti-semitism advocate, and how he took advantage of the social unrest of an insolvent Germany to attempt an eradication of the Jews. To meet the criteria of Hitler's ideal and 'superior' Aryan race, one was required to be a blonde and blue-eyed German. In Hitler's eugenic perspective, the only race considered superior was the Aryan race, leading to the enigmatic and systemised killing of over six million Jews, and anyone else who was deemed inferior (homosexuals, the disabled, and people of colour). Hitler was assisted in this heinous crime by Joseph Goebbels, Heinrich Himmler, and Hermann Göring.

One of the defining events of the twentieth century, the Holocaust caused trauma and near-mass extinction to the entirety of the Jewish society in European regions. In retrospect and after a considerable amount of reexamination of these horrific events that took place over 75 years ago, one would think that humanity has construed the weight of Hitler's unjustifiable deeds and set forth on a path of peace that strives for an unprejudiced society. Contradictory to these assumptions, society has incessantly continued to oppress those within minority groups in countries such as Armenia, South Africa, Cambodia and Sudan.

With our newfound knowledge

and perspective of the Holocaust, the events leading up to it, and contemporary bigotry, we can confidently imply that it is vital to learn about the Holocaust and the segragation of societies in order to empathise with those prejudiced within today's world. Although not as greatly acknowledged as the Holocaust, racism in present times must be recognised as a similar antagonisation of an ethnic group, certainly instilling the same fear into those who are oppressed and normalizing their exclusion.

Danielle Berkman and Daniella Al-Akkiki
Year 10 History Students

From the Library

From the Careers Department

Please navigate through the College's Library webpage to explore Career options with your children. Please feel free to contact me via the school office or email if there are any Careers related issues you would like to discuss.

Careers in the Spotlight

How to become an AI Engineer
Create ground-breaking new technologies

What do AI Engineers do?

Artificial intelligence (AI) Engineers are responsible for developing and programming new applications and systems for use in smart software and machines. AI uses algorithms, such as logic and probability, as well as other processes such as speech- and face-recognition, to operate and problem-solve without the assistance of people.

If you love technology and science, have a great knack for problem-solving, and want a career in one of the fastest-growing markets in the world, becoming an AI Engineer could be perfect for you.

The job:

- Managing the AI development process
- Building and coding AI models
- Testing models and reporting on results
- Implementing AI models within a business or organisation
- Gathering and interpreting data
- Using data to guide business decisions
- Explaining why businesses should use AI
- Working with other team members

AI Engineers are most in demand in these locations:

As this is a fairly new job, there isn't much information out there on numbers. However, roles in AI are becoming increasingly popular world-wide, especially with large tech companies such as Microsoft, IBM and Google. Within Australia, you will most likely have better luck finding roles in capital cities, or within government.

AI Engineers are also in demand across many industries, as there are thousands of ways AI can be used to improve our lives. Some examples include:

- Aviation & Transport – developing self-driving cars and drones.
- Agriculture – using AI to predict weather patterns and crop growth.
- Manufacturing – AI-driven robots can increase efficiency and production.
- Health – AI machines can automatically scan medical images, provide correct medication dosages, and perhaps one day even perform surgery.
- Marketing – AI is commonly used to predict user behaviour and provide tailored suggestions and advertisements.
- Sports – AI machines can use predictive technology to forecast the outcome of games.

How to become an AI Engineer in Australia

You will need to complete a minimum undergraduate level qualification in order to work as an AI Engineer in Australia.

Step 1 – Complete Year 12 with a focus on English, Maths, STEM, and IT.

Step 2 – Find a relevant undergraduate degree you would like to study. You can choose from a variety of degrees, including computer science, engineering, IT, mathematics, or even finance.

Step 3 – Consider undertaking a postgraduate qualification in data science, mathematics, or AI to boost your knowledge and employability. You can even look for online courses and certificates.

Step 4 – Make sure you have proficient knowledge in other essential areas, such as programming and coding, Big Data, cloud services, and machine learning.

Step 5 – Find roles in AI or software development, and start working as an AI Engineer.

Find out more here –

Frequently Asked Questions (FAQs)

What do AI Engineers do?

AI Engineers are responsible for developing applications and systems that use smart learning to provide solutions for all kinds of businesses.

Which industries employ AI Engineers?

AI Engineers are needed in almost every industry imaginable.

What options are there for career progression?

Once you have lots of experience, you might like to consider moving into roles in management, or even research and development.

Do I need to go to university to become an AI Engineer?

Yes, you will most likely need a formal qualification in order to work as an AI Engineer in Australia.

Where do AI Engineers work?

This is a quickly growing role with lots of demand overseas, particularly in the US and Asia.

What are 3 things I can do right now to help me become an AI Engineer?

If you're in high school and you'd like to find out if a career as an AI Engineer is right for you, here's a few things you could do right now:

1. Take classes to start learning how to code, ideally in a few different coding languages. You could also take online short courses in AI, data science, or other relevant fields.
2. See if you can find work experience in an IT or STEM-related setting, to get a feel for what a day in the life might be like.
3. Consider undertaking an internship or cadetship while or after you finish your studies. This can help you get a foot in the door with many big employers, as well as boosting your skills and employability.

Happy Careers Searching

Mrs Dianna Chedid
Careers Coordinator

School Travel Application Information

Please see the flyer below to apply for a School Travel Pass.

How to become a School Crossing Supervisor

If you or someone you know may be interested in becoming a School Crossing Supervisor, please see the details provided below.

Hygiene advice for people living in residential buildings

Coronaviruses, such as COVID-19, can survive on surfaces for a few hours or up to several days.

This may vary based on the temperature, humidity and type of surface.

Residents and common areas

People living in residential buildings should take care when moving through common areas to reduce the risk of COVID-19:

- Clean your hands with soap and water for 20 seconds or use an alcohol-based hand rub/sanitiser after touching any frequently touched surfaces in common areas. This includes doorknobs or door handles when you enter and exit the building or when using communal washing machines or dryers
- Cover your nose and mouth with a tissue when coughing and sneezing or use your elbow, not your hands
- Avoid close contact with people unwell with cold or flu-like symptoms
- Avoid touching your face and avoid shaking hands with others
- Try to maintain a distance of 1.5 metres from others as much as possible in your apartment block, such as in elevators, stairwells or hallways
- Do not gather in large groups in common areas such as rooftops or courtyards.

Cleaning guidance for NSW strata managers and body corporates

- Regularly clean frequently touched surfaces in common areas with a detergent followed by disinfectant, or use detergent/disinfectant wipes
- Consider providing adequate alcohol-based hand rub (sanitiser) for residents to use.

More information:
www.nsw.gov.au/covid-19

Coronavirus (COVID-19)

COVID-19 Testing

Who should get tested?

Anyone with cold or flu-like symptoms, even if very mild, should get a COVID-19 test as soon as possible. COVID-19 symptoms include:

- fever e.g. chills, night sweats
- respiratory symptoms such as cough, sore/ scratchy throat, runny nose, shortness of breath, loss of smell or taste
- other symptoms including muscle and joint pain, diarrhea, nausea/ vomiting and loss of appetite.

What to expect when you get tested?

- Testing is free, easy and quick.
- If you have been referred to a testing clinic, please take your referral with you. This is not needed for most clinics.
- Staff at testing and respiratory clinics will be wearing masks, gowns, gloves and face shields.
- Staff will ask you about your symptoms
- Swabs are taken from inside your nose and your throat.

What happens after I get tested?

- You must stay at home (self-isolate) until you get your test result and are well.
- You cannot leave your home unless you are seeking medical care or in an emergency. You cannot have visitors.
- If your symptoms become serious (e.g. difficulty breathing), call Triple Zero (000). Tell the ambulance staff you have been tested for COVID-19.
- If you are sharing your home with others you should separate yourself in another room. Wear a surgical mask when you are in the same room and keep 1.5 metres away.

- Practice good hygiene. Wash your hands often. Cover your cough or sneeze with your elbow or a tissue.

Where can I get more information about self-isolating?

https://www.health.nsw.gov.au/Infectious/ covid-19/Pages/resources.aspx

- If you have been in close contact with a person with COVID-19, you need to stay home for 14 days after you last saw that person. (Close contact includes living in the same household or spending more than 15 minutes face-to-face or 2 hours sharing a closed space, with someone with COVID-19, from 48 hours before they became ill).
- Home isolation applies to all close contacts, even if you are currently feeling well and or have received a negative test result.

How will I get my results?

- You will usually receive your test result within 24 to 48 hours but please allow up to 72 hours.
- If you had your test done at an Emergency Department or public hospital COVID-19 clinic you can receive your COVID-19 negative test result by SMS if you register for Pathology COVID-19 SMS Results Service. If you don't register you will receive a call from a Public Health officer at your Local Health District.
- If you had your test collected by your GP or at other sites, your doctor will give you your results.

What happens if I test positive?

- NSW Health will look after you. There will be no cost for your treatment, even if you don't have Medicare.