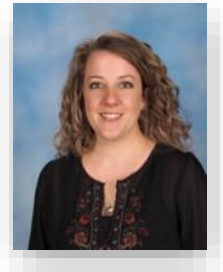## Careers Newsletter: February 2021 Edition

Welcome to 2021!

A big welcome to MSC students for 2021. The purpose of the Careers Newsletter is to keep all members of the school community informed about opportunities to explore career options and to assist with students building knowledge and skills for future career paths.

Statistically we know that the current generation of young people will have a number of different careers over their lifetime and many of the jobs they will have in the future do not currently exist. In view of this we encourage students to remain open-minded about their future pathway and embrace all opportunities to learn more.

Marie Clark
Careers Coordinator

Careers 2021

The role of a school careers service is to provide up-to-date information, counselling and advice on careers and transitions from school, as well as to ensure students are advised of any opportunities that might further their knowledge of post-school employment and training options. Careers will also manage the school work experience program and work with students completing school-based training in the workforce. Students or parents who would like to discuss any Careers-related matter with Marie Clark can email or phone to make an appointment, or please drop by the Careers office to make a time. I look forward to working with you in 2021 to get the best outcomes for all our young people.

The year 12 class of 2021 will very soon complete their 2021 Career Plan, indicating possible areas of further study or employment they are interested in. These students not only have a busy year of study, but they also need to make some big decisions this year about their future direction. I strongly encourage students and parents to be very proactive this year in seeking out information and preparing for transition for 2022. **Going to university open days is important – put the dates in your diaries when they are published.**

Year 12 Class of 2020

Our Class of 2020 are stepping into the next phase of their life, many of them in the process of beginning a new course at University or TAFE, or on the job learning. We have students studying an array of courses, including nursing, education, health science, science, agriculture, law, arts, social work, psychology, sports science, computer science; we look forward to keeping in touch with them and hearing about their challenges and successes.

My Career Insights – Morrisby Year 9 Program

All Year 9 students in Victorian Government Schools are offered the opportunity to participate in the My Career Insights Program – which involves students undertaking the Morrisby Online career diagnostic assessment. The test takes under two hours, and will be conducted during Term One at Maffra Secondary College.

Following the online assessment, both students and parents are encouraged to consider the information and answer some questions in preparation for a 1:1 career counselling session, which will be conducted by a qualified, external career practitioner, during school hours and on school premises. The discussions will include exploring student results in the context of training, higher education and employment pathways and options.

Written interview notes summarizing the session and any action points will be provided to the school careers service. The outcome of the process will be to improve the quality and understanding of pathways for Year 9 students. If you have any questions regarding the assessment please contact Marie Clark marie.clark@education.vic.gov.au or Sue Clancy, Year 9 Team Leader sue.clancy@education.vic.gov.au

Year 10 – Work Experience Program

Year 10 students will be now arranging their placements for the school work experience program. All year 10 students will be out on placement for the week 29th March – 1st April, inclusive, 2021. It is crucial that students return their arrangement form on time – signed forms are due back to school by Friday 19th March. Please note that unless the paperwork is signed, the student cannot attend placement.

During placement, employers will be phoned by the school to check in on student progress, ensure there are no issues and to make contact with the employer. Students who have any problems or concerns during placement should contact Brett Hudson, Year 10 Team Leader on brett.hudson@education.vic.gov.au

Other News and Updates

Tax File Number (TFN)
Any student will need at tax file number if he/she starts work (part-time and full-time) and all students planning on a tertiary education require one when they start.

Importantly, current Year 12 students are reminded that they cannot enrol in a CSP (Commonwealth Support Place) course at university without a Tax File Number, so it is worthwhile getting an application submitted early.

Students must apply for a TFN online and have their identity verified through an interview at a participating Australia Post office.

Entry to Medicine & Dentistry in 2022

The *University Clinical Aptitude Test (UCAT)* is an admissions test used by the UCAT ANZ Consortium of universities in Australia and New Zealand for their *__medical, dental, and clinical science__* degree programs. Universities requiring the UCAT are listed at this link - Universities requiring the UCAT. Students intending to apply for courses requiring the UCAT at any of these universities are reminded that they will need to **book a test**.

Bookings will open on **1 March 2021** and close **17 May 2021. The testing dates will be from 1 July 2021 to 11 August 2021.**

Students who are preparing for entry into any of these courses are encouraged to familiarise themselves with the **format of the test at** https://www.ucat.edu.au/ucat-anz/test-format/ and the **practice tests and preparation material** provided at https://www.ucat.edu.au

Find out more at https://www.ucat.edu.au/

For all Students:
Melbourne Career Expo 2021
You can learn about; employment opportunities, university and training placements, skills industry and government initiatives and receive career advice.
Friday 23rd July (10am – 3pm)
Saturday 24th July (10am – 4pm)
Sunday 25th July (10am – 4pm)
Melbourne Convention & Exhibition Centre - *2 Clarendon St, South Wharf.*
Admission: Free!
For enquiries phone: 03 9620 9920 or visit
http://www.careerexpo.com.au/

For all VCE Students:
2021 VCE and Careers Expo
Learn about; VCE subjects, tertiary courses, careers, employment opportunities and gap year options.
When: Thurs 29th April - Fri 30th April (9am-3pm)
Saturday 1st & Sunday 2nd May (9am-3pm)
Where: Station St, Caulfield Racecourse, Caulfield.
Admission: $10 online p/p or $12 at the door. Family and school group options available.
For details visit: https://www.vceandcareers.com.au/

Cybersecurity Courses offered in Victoria in 2021

One explanation for what cybersecurity might be is that **cybersecurity** is the protection of internet-connected systems, including hardware, software, and data, from cyberattacks. In a computing context, **security** comprises **cybersecurity** and physical **security** -- both are used by enterprises to protect against unauthorized access to data centers and other computerized systems.

Although **Cybersecurity Education** is an American organisation, its website is well-worth a visit just to begin to grasp the broad range of careers in this field. Cybersecurity professionals are employed in all industries, and they work hard at ensuring computer data stays out of the wrong hands. Cybersecurity is taught at numerous universities in Victoria.

Cybersecurity is taught at a number of Victorian institutions – either as a course in its own right, or as a major in another courses. **Below is a list of some of these, and students are encouraged to browse VTAC for a comprehensive list of all courses available.**

INSTITUTION	COURSE NAME	VCE PREREQs	MAJOR STUDIES IN 2021
Box Hill Institute	Certificate IV in Cyber Security	n/a, but must complete Year 12	Communication skills and problem solving, Cyber Security essentials, Firewall fundamentals, Incident response, Introduction to threat detection, Networking for Cyber Security technicians, Security Scripting, System Testing tools, Web site Penetration Testing.
Deakin University	Bachelor of Cyber Security	Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL.	Access control, Computer and network security, Computing, Cryptography, Data analytics, Database, Digital forensics, Hi-tech crime, Identity management and authentication, Information and communication technology, Information technology, Internet and web, Internet technology and security, Internet-of-things security, Network management and network systems, Penetration testing, Privacy, Public-key cryptography, Security analytics, Security and management, Security and risk analysis, System and software vulnerabilities.
Holmesglen Institute	Advanced Diploma of Cyber Security	n/a, but must complete Year 12	Australian cyber law, Cloud security, Data forensics, Data threat analysis, Developing risk mitigation policies, Firewall security, Network security, Risk Management, Risk analysis, Securing virtual environments, Strategies and policies.
La Trobe University	Bachelor of Cybersecurity	Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL.	Computer science, Cybersecurity Management, Information technology.
Monash University	Bachelor of Applied Data Science	Units 3 and 4: a study score of at least 27 in English (EAL) or at least 25 in English other than EAL; Units 3 and 4: a study score of at least 25 in one of Maths: Mathematical Methods or Maths: Specialist Mathematics.	Anatomy and developmental biology, Applied discrete mathematics, Astronomy, Biochemical science, Biological science and genetics, Biomedical science, Business analytics, Business information systems, Chemical sciences, Computer Science, Computer systems engineering, Crime and society, Cybersecurity, Data challenges, Data science, Digital humanities, Drugs and society, Earth and atmospheric sciences, Geography and the environment, Interactive media, Language and society, Marketing science, Mathematics, Microbiology, Mobile apps development, Modelling with differential equations, Molecular and cell biology, Pharmacology, Physics, Physiology, Social research, Software development, Statistical modelling.
Swinburne University	Cert IV in Cyber Security	n/a, but must complete Year 12	Implement network security infrastructure, Test concepts and procedures, Utilise basic network concepts and protocols, Write script for software applications.

	Bachelor of Computer Science	Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL; Units 1 to 4: satisfactory completion in two units (any study combination) of any Mathematics.	Cybersecurity, Data science, Games development, Internet of Things, Network design, Software design, Software development.