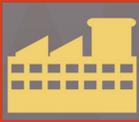# ECG BUZZ @ St Nicks (2019 Sem 1 Edition)
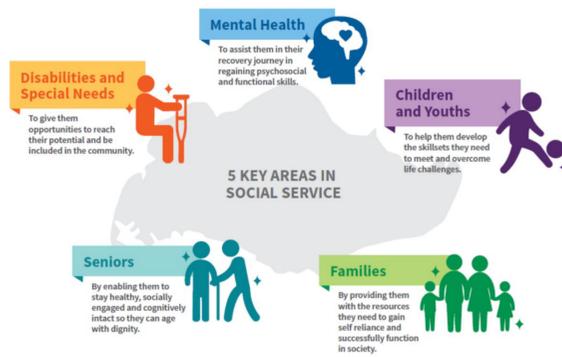
INDUSTRY WATCH

Social Services

Are your students looking to further their studies in social service-related programmes?

You may wish to refer your students to https://www.ncss.gov.sg/scholarships to find out more about the types of scholarships offered for individuals who want to further develop themselves in the social services area.

Demand for Social Services in Singapore has been increasing as a result of our ageing population, evolving family structures, and growing societal expectations amidst a more volatile economic landscape.

To meet the rising need, Social Service organisations work in partnership with the government while staying engaged with corporations, community organisations, religious groups and concerned citizens and family members.

Find out more about social services at https://www.ncss.gov.sg

5 KEY AREAS IN SOCIAL SERVICE

- **Mental Health** — To assist them in their recovery journey in regaining psychosocial and functional skills.
- **Disabilities and Special Needs** — To give them opportunities to reach their potential and be included in the community.
- **Children and Youths** — To help them develop the skillsets they need to meet and overcome life challenges.
- **Seniors** — By enabling them to stay healthy, socially engaged and cognitively intact so they can age with dignity.
- **Families** — By providing them with the resources they need to gain self reliance and successfully function in society.

Air Transport

The Air Transport industry is a crucial enabler of Singapore's economy. Singapore boasts of one of the world's most awarded airports, a coveted air safety record and a respected centre for Air Transport training.

Air Transport Management, BSc (Hons)
Singapore Institute of Technology

SIT offers the first Air Transport Management degree programme in Singapore. Through the course, students will be empowered and equipped with relevant skills and knowledge to help them excel in the Air Transport sector.

Air Taxis To Be Tested In Singapore Skies by Mid-2019
The Straits Times | 19 Oct 2018

Volocopter drones can serve as air taxis to transport goods. Being a drone operator to validate, verify and operate drones can potentially be a future career in Singapore's air transport sector.

Information and Communication Technology (ICT)

In the digital economy, digital transformation is necessary for companies to tap into any opportunities to enhance their operations. To unlock the opportunities that technology and digitalisation can bring to all types of companies, the ICT industry has to play a dual role to transform itself and improve productivity and growth for other industries.

- Cyber Security
- Immersive Media
- Internet-of-Things
- Artificial Intelligence and Data Science

- Problem solving
- Creativity
- Meticulousness
- Adaptability
- Management
- Data interpretation
- Malware analysis
- Programming
- Cloud security
- Intrusion detection

SCHOLARSHIPS

Social Services

Target Group	Level of Studies Supported	Scholarships and Awards
New to Social Service Sector	Undergraduate Studies	- Social Service Scholarship - Social Service Award - Singapore Industry Scholarship
	Postgraduate Studies	- Social Service Scholarship - Lien Scholarship for Social Service Leaders - Social Service Award
In-Sector Professionals	Postgraduate Studies	- Lien Scholarship for Social Service Leaders
	Other Professional Training	- Leadership Development Programme - Professional Development and Management Programme - VCF Professional Capability Grant - Skills Future Study Award

Aviation- Scholarships offered by the Civil Aviation Authority of Singapore (CAAS)

	Overseas Undergraduate Scholarship	Local Undergraduate Scholarship
Tenure of Award	Tenable at renowned overseas universities.	Tenable at local universities (NUS, NTU, SMU, SUTD, SUSS and SIT) leading to a good honours degree.
Courses/ Disciplines	All disciplines of study except Medicine and Dentistry.	
Eligibility	- Excellent GCE 'A' Level results or equivalent (including International Baccalaureate, NUS High Diploma; Polytechnic (Diploma with Merit); university results - Outstanding CCA records, and proven leadership and high achiever qualities	
Bond Duration	6 years	4 years
	Bond period will be pro-rated for 1st, 2nd and 3rd year undergraduate applicants.	

ICT- Smart Nation Scholarship

What	The Smart Nation Scholarship develops and nurtures technology talents and leaders within public service. It is offered by the Cyber Security Agency of Singapore (CSA), Government Technology Agency (GovTech) and Infocomm Media Development Authority (IMDA).
Who	- Singapore Citizen (includes Singapore PRs who are taking up citizenship) - GCE "A" Level (or equivalent) or Polytechnic Diploma - Outstanding co-curricular activities record - Passionate about having a technology career - Pursue and ITC-related degree programme

SMART NATION SCHOLARSHIP
- Nation-Wide Projects
- Technical Training
- Networking
- Mentorship
- Leadership Development

CAREER PATHWAYS
- GOVTECH SINGAPORE
  - Rotation Across Technology Tracks
  - Industry/Overseas Exposure
- CSA SINGAPORE
  - Diverse Range of Cybersecurity Work
  - Rigorous & In-Depth Technical Training
- IMDA INFOCOMM MEDIA DEVELOPMENT AUTHORITY
  - Shape Media Ecosystem
  - Exposure to Regulation, Industry Development & Personal Data Protection

SKILLS CONFIDENCE

DEEP HUMAN SKILLS - Skills essential for your success in this modern world of DEEP TECH

Source: https://www.deep-human.com/

Focus & Mindfulness

We are operating in an environment of mass distraction and technology addiction.

Your ability to control your attention, focus on what matters, and form insightful connections to separate the signal from the noise will be crucial to your success in life.

Complex Communication

Work today is marked by ambiguity, constant strategy changes and necessitates working virtually with cross-cultural teams.

All of this demands sophisticated communication skills from you, such as giving skillful feedback, influencing and having difficult conversations.

Empathy

Empathy is the ability to shift perspectives, and understand others on a deeply human level.

Coupled with self-awareness and the ability to assert appropriate boundaries, empathy is a superskill that will allow you to connect and engage effectively.

Adaptive Resilience

Adaptive Resilience is a fundamental hygiene factor that determines your ability to thrive.

It doesn't matter if you have the best skills in the world if you give up easily or not possess the psychological flexibility to adapt, learn and keep growing through challenging times.