Sec 2 Selection of ISS

Sec 2 Parents' Dialogue with School Leaders

4 August 2023 (Friday)

ISSC = ITE Skills Subject Certificate

Shorter route to Higher Nitec for ITE students by 2026

The ministry said 80 per cent of all courses that ITE offers are expected to transition to the new three-year Higher Nitec structure by 2024, with all courses completing the move by 2026.

"This move is in line with the Ministry of Education's commitment to **provide opportunities for all ITE graduates to upgrade beyond a Nitec** over the course of their careers by 2030, as announced by the Prime Minister during the National Day Rally in 2019," said Dr Maliki, who has been leading a review of polytechnic and ITE education since the end of last year

ITE currently offers the Nitec and Higher Nitec courses separately. Students who finish the Nitec must apply to enrol in a Higher Nitec course. **The Straits Times, 1 May 2021**

ITE will offer 25 3-year *Higher Nitec* courses in Academic Year (AY) 2024:

- *Higher Nitec* in Applied Food Science
- *Higher Nitec* in Bio-Chemical Technology
- *Higher Nitec* in Chemical Process Technology
- *Higher Nitec* in Community Care & Social Services
- *Higher Nitec* in Nursing
- *Higher Nitec* in Opticianry
- *Higher Nitec* in Accounting
- *Higher Nitec* in Beauty & Wellness Management
- *Higher Nitec* in Business Administration
- *Higher Nitec* in Event Management
- *Higher Nitec* in Hairdressing & Salon Management
- *Higher Nitec* in Logistics & Supply Chain Management
- *Higher Nitec* in Passenger Services
- *Higher Nitec* in Retail & Online Business

- *Higher Nitec* in Sport Management
- *Higher Nitec* in Tourism
- *Higher Nitec* in AI Applications
- *Higher Nitec* in Business Information Systems
- *Higher Nitec* in Cyber & Network Security
- *Higher Nitec* in Data Engineering
- *Higher Nitec* in Electronics Engineering
- *Higher Nitec* in Immersive Applications & Game
- *Higher Nitec* in IT Applications Development
- *Higher Nitec* in IT Systems & Networks
- *Higher Nitec* in Security System Integration

More Pathways to polys for ITE students from 2027

- **Higher Nitec qualification - guaranteed admission to a polytechnic course with GPA of 3.5 and above. 1000 students will benefit from this change.**

- **Higher Nitec with GPA of 2.5 and above can also progress to polytechnic course.**

- **Higher Nitec have option of upgrading via work-study diploma and technical diploma program.**

- **By 2025, both pathways will offer 1,800 places up from 1,400 places currently.**

THE STRAITS TIMES

Saturday, July 22, 2023

More pathways to polys for ITE students from 2027

About 1,000 students set to benefit yearly from change to admission requirement

Amelia Teng
Education Correspondent

More Institute of Technical Education (ITE) students will be given the chance to move on to polytechnics from academic year (AY) 2027, as part of efforts to expand pathways and choices for students.

Those pursuing a Higher Nitec qualification at ITE will be guaranteed admission to a polytechnic course related to their Higher Nitec course, if they attain a grade point average (GPA) of 3.5 or above, the Ministry of Education (MOE) said on Friday.

It expects about 1,000 students – the top 10 per cent of Higher Nitec graduates – to benefit from this change yearly.

This number is more than the current 900 graduates a year across 18 courses who qualify for polytechnic under the Direct-Entry-Scheme to Polytechnic Programme (DPP). The DPP was introduced in 2013 as a pathway for Normal (Academic) stream students to progress to the polytechnics.

Education Minister Chan Chun Sing, who announced the change on Friday during ITE's graduation ceremony at its Ang Mo Kio headquarters, said: "With this, all ITE upgraders are eligible to access a guaranteed place in polytechnic based on their efforts in ITE, regardless of past performance or entry point in ITE.

"For example, any student from the Higher Nitec in Accounting will get a place in a mapped course, such as the Diploma in Banking and Finance, if he or she meets the GPA requirement."

The MOE said this is part of a broader set of changes to the admissions requirements for ITE and polytechnics.

Today, most Higher Nitec students who progress to polytechnics attain a net GPA of 2.5 and above, including bonus points for co-curricular activities, it said.

Thus, the minimum GPA for ITE students to qualify for polytechnics will be raised from 2 to 2.5, from the AY2027 polytechnic intake. This is to ensure students can better cope with the academic rigour of a polytechnic education, MOE said.

Apart from a polytechnic diploma, Higher Nitec graduates also have the option of upgrading via the work-study diploma and technical diploma programmes, which offer more hands-on training.

By 2025, both pathways will offer 1,800 places, up from 1,400 currently.

The MOE also announced that from AY2028, secondary school students who want to enter the second year for all Higher Nitec courses, which are typically three years long, will need to take a G2 suite of subjects. This is equivalent to the current Normal (Academic) subjects.

Students who take a combination of G2 and G3 subjects can also apply to join a Higher Nitec course from the second year, as long as they attain an ELMAB3 (English language, mathematics and best three subjects) aggregate score of 19 points or better.

Currently, Higher Nitec courses are accessible to O-level students, a limited number of Normal (Academic) students via the DPP and Nitec students, said MOE.

The ministry added: "Taken together, the revised admissions requirements to post-secondary pathways will expand access to upgrading opportunities, provide more flexibility and better recognise students' strengths and interests, while ensuring academic rigour and students' ability to cope with the curriculum."

ITE on Friday gave out awards to 17 top graduates, out of 14,091 students in the Class of 2023.

One of the top graduates is Mr Muhammad Cairel Razali. He won the Singapore Business Federation Gold Medal, which is given to the top graduates of the technical engineer diploma or technical diploma programme.

In August, he will be the first from his technical diploma course in culinary arts to head to the Institut Lyfe in France, to pursue a master's in culinary leadership and innovation.

The 25-year-old, whose father is a delivery rider and whose mother works as a secretary in a law firm, knew that studying with books was not his cup of tea.

At the start of Secondary 5, he withdrew from school after completing his N levels.

Inspired by his late grandmother's cooking, he enrolled in ITE's Nitec in Western Culinary Arts course. "I helped her out in the kitchen by stirring the pot or preparing ingredients, or just watching what she did," said Mr Cairel, who has two siblings.

After completing his Nitec in 2016, Mr Cairel applied for ITE's technical diploma in culinary arts, but did not make the cut.

He did his national service, and tried enrolling again.

"I told the lecturer during the interview that I had been rejected once, but I was back to prove him wrong," he said. "Since he took me, I wanted to make the best of it."

Mr Cairel has been working as a delivery rider to save up for his course in France, which will cost €22,000 (S$32,500).

He hopes to gain experience in different countries across Europe, and come back to Singapore to set up a food consultancy business.

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THE BIG STORY • A6

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MCI(P)076/10/2022★★

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Overview

Crest students graduate with 2 Certificates

- GCE N Level + ITE Skills Subject Certificate (ISSC)

- ISSC = ISS1 + ISS 2 + IEP

- One ISS = One NT Subject Pass

- Progress to ITE with 4 NT subject passes for the best chance to get into your course of choice

Crest Secondary School
2 ISS = 2 N(T) Subjects
Technology-based ISS (IOTA, MDA & MWA) are considered equivalent to Science
2-4 N(T) Subjects (English, Math, Mother Tongue, Science)
Higher Ability Students can take NA EL & NA Math

ISSC Vocational Curriculum @Crest

Taster Modules (Lower Secondary)	ITE Skills Subject (Upper Secondary)
S1 – Passion to Serve S2 – Looks Good, Tastes Good	Culinary & Restaurant Operations, CRO
S1 – Wheels of Wonder S2 – We Can Design It	Mechanical Design & Automation, MDA
S1 – Fabulous Merchandise Display S2 – Service with a Smile	Retail & e-Commerce, ReC
S1 – Let's Get Connected S2 – Link Up the World	IoT Applications, IoTA
S1 – Input to Output S2 – Every Crestan Can Code	Mobile Web Applications, MWA

Crest Secondary School
Empowered to Realise My Dreams

What's So Awesome in Culinary & Restaurant Operations?

Mapping of ITE Courses

ONLY AT ITE COLLEGE WEST

Culinary & Restaurant Operations (CRO)
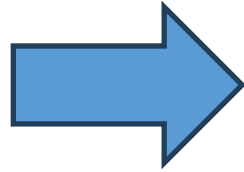
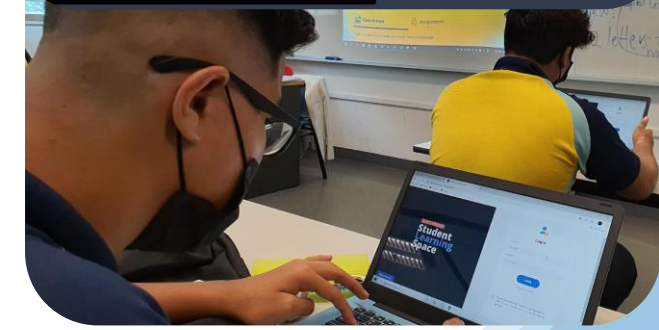| Nitec Courses	Minimum Entry Requirements
Hospitality Operation	**3 GCE 'N' Level Passes:** Grade A-D or Grade 1-5 in English Language and two other subjects
Pastry and Baking	
Western Culinary Arts	
Asian Culinary Arts	

What's So Awesome in Retail & e-Commerce?

Online Farmers Market

Hands On – Visual Display

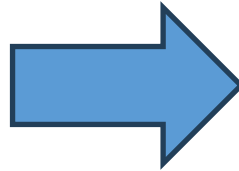**Product Photography / Website Design**

Selling Online / Social Media
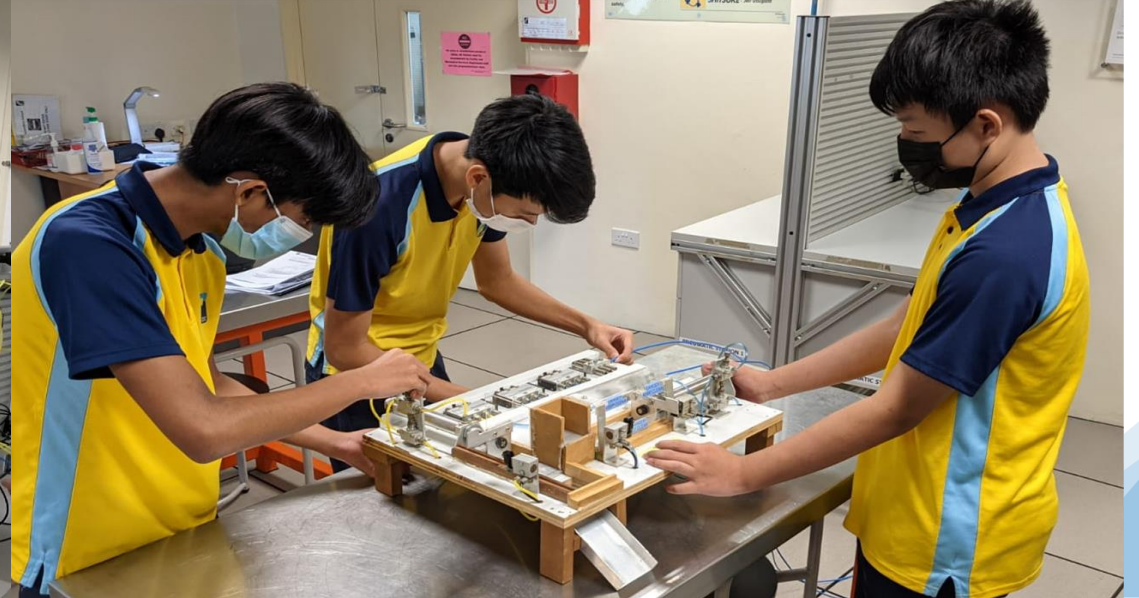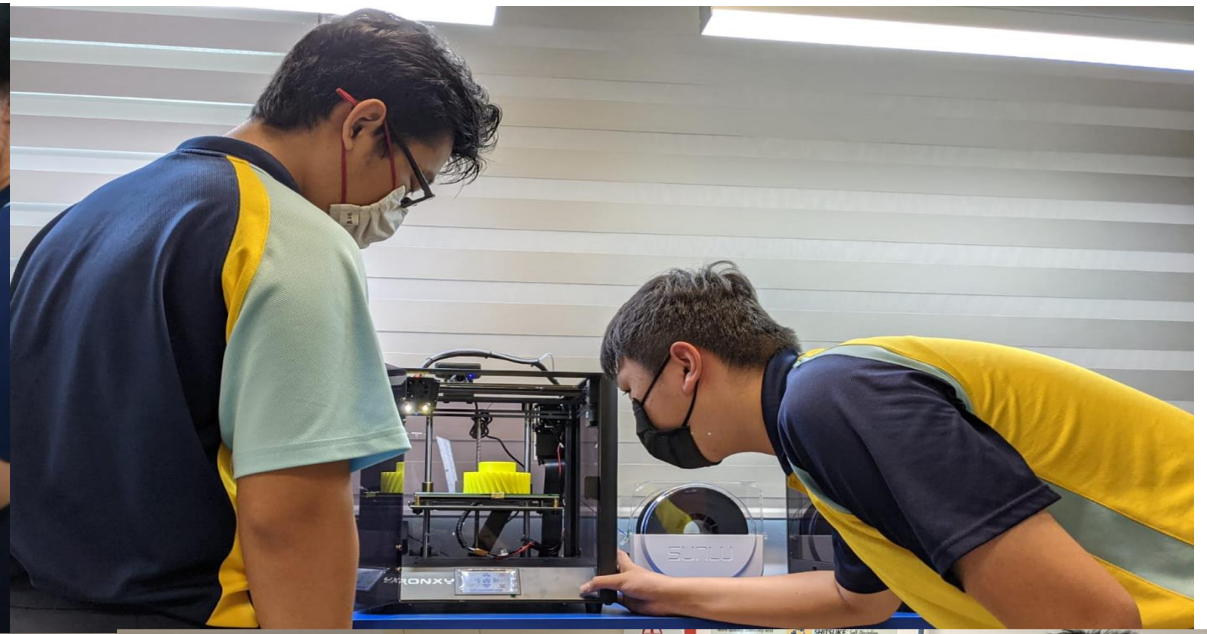
Mapping of ITE Courses

Retail & e-Commerce (ReC)

3-Year Higher Nitec Course	College Central	College East	College West	Minimum Entry Requirements
Accounting	√	√	√	**3 GCE 'N' Level Passes:** Grade A-D or Grade 1-5 in English Language and two other subjects
Business Administration NEW	√	√	√	
Event Management NEW	√			
Passenger Services NEW	√	√		
Sport Management	√	√	√	
Tourism NEW			√	
Beauty & Wellness Management NEW		√		**Completed GCE 'N**
Hairdressing & Salon Management NEW		√		
Logistics & Supply Chain Management NEW		√		
Retail & Online Business NEW	√	√	√	

Note:
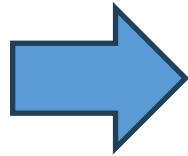◆Applicants are required to pass a pre-admission medical exam

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What's So Awesome in Mechanical Design & Automation?
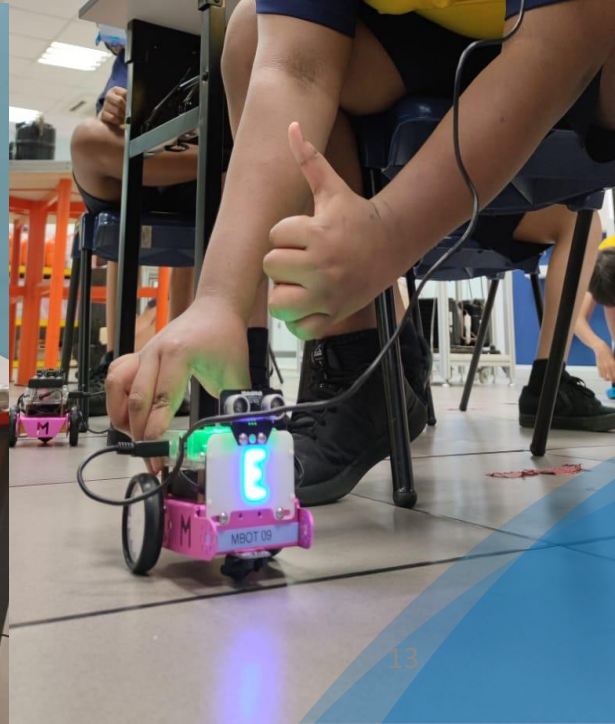
Mapping of ITE Courses

Mechanical Design & Automation (MDA)

➡️

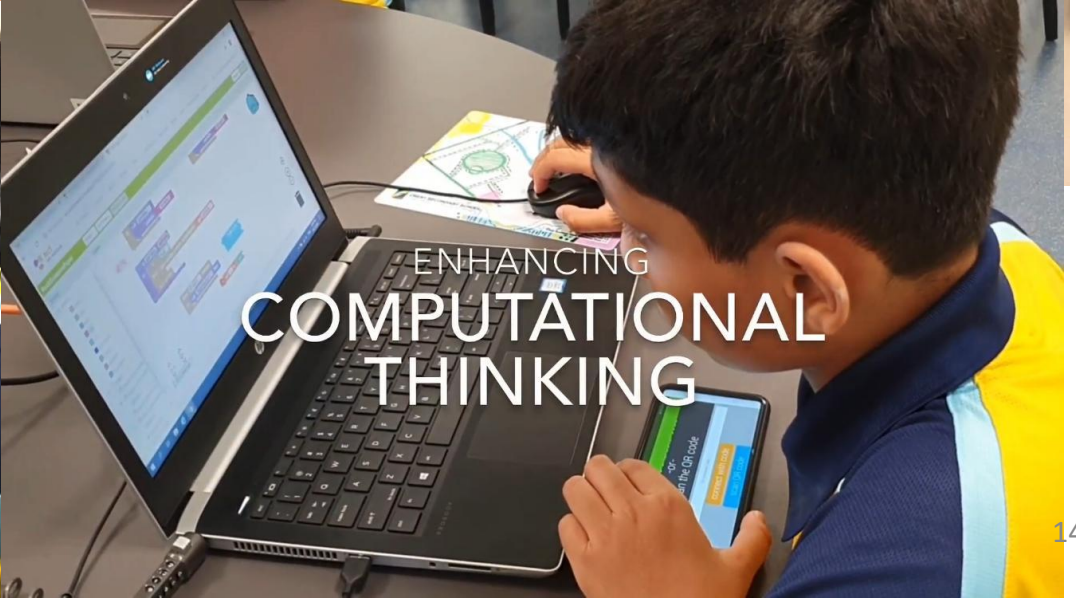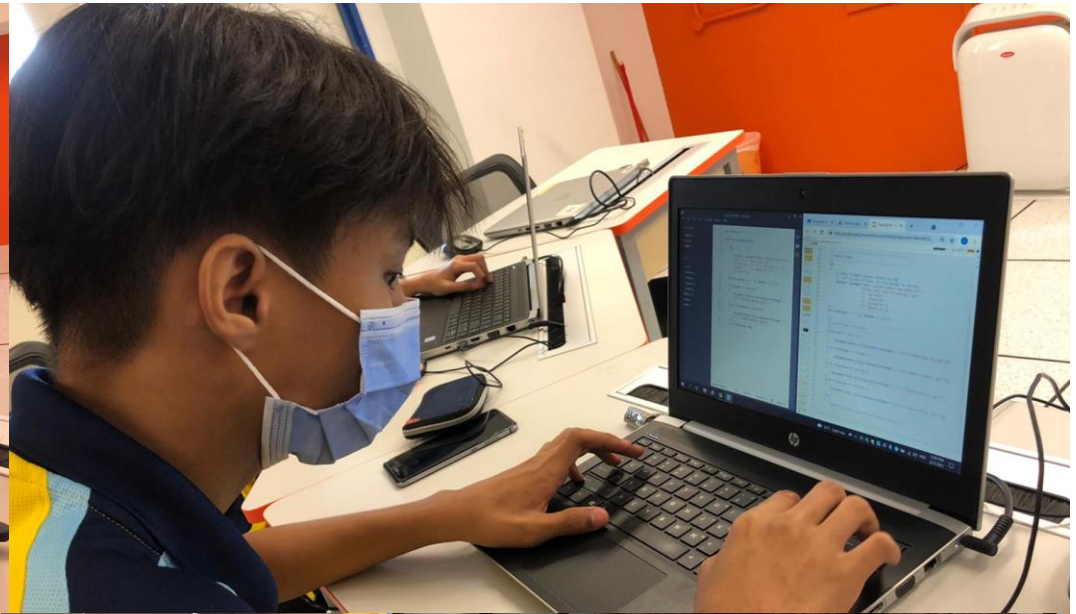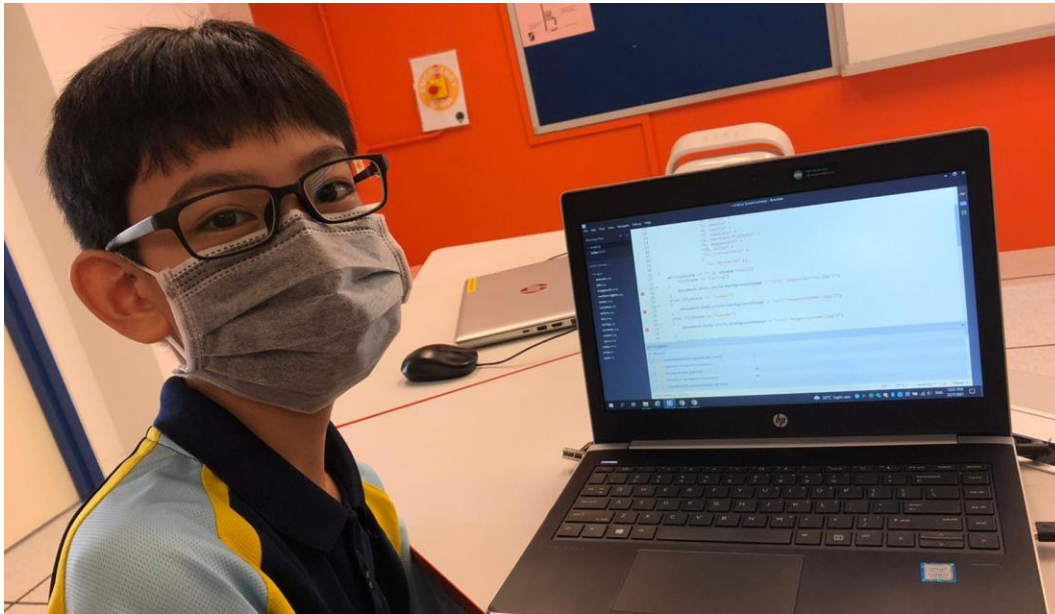| Nitec Course	College Central	College East	College West	Minimum Entry Requirements
◆ Aerospace Avionics	√			**3 GCE 'N' Level Passes:** Grade A-D or Grade 1-5 in Mathematics and two other subjects
◆ Aerospace Technology	√			
◆ Electrical Technology (Lighting & Sound)		√	√	
◆ Electrical Technology (Power & Control)		√	√	
Aerospace Machining Technology	√			**3 GCE 'N' Level Passes:** Grade A-D or Grade 1-5 in Mathematics or Science* and two other subjects Note: *Mobile Robotics, Smart Electrical Technology, IoT Applications, Mechanical Design & Automation, and Mobile Web Applications subjects can be used in lieu of Science for admission to these courses.
Digital Precision Engineering	√			
Mechatronics & Robotics	√		√	
Rapid Transit Technology			√	
Automotive Technology			√	**Completed GCE 'N'**
Built Environment (Mech & Elect Ser)		√	√	
Built Environment (Vert Transportation)		√		
Mechanical Technology		√	√	
◆ Urban Greenery Landscape		√		

◆ In line with industry requirements, applicants must ensure that they do not have colour appreciation deficiency

What's So Awesome in Internet-of-Things Applications?
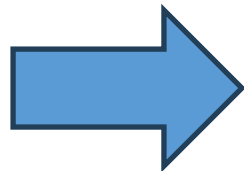
What's So Awesome in Mobile Web Applications?

EXPERIENTIAL LEARNING IN
WEB DEVELOPMENT

ENHANCING
COMPUTATIONAL
THINKING

Mapping of ITE Courses

Internet-of-Things Applications (IoTA)

Mobile Web Applications (MWA)

3-Year Higher Nitec Course	College Central	College East	College West	Minimum Entry Requirements
AI Applications	√		√	3 GCE 'N' Level Passes: Grade A-D or Grade 1-5 in Mathematics or Science* and two other subjects Note: *Mobile Robotics, Smart Electrical Technology, IoT Applications, Mechanical Design & Automation, and Mobile Web Applications subjects can be used in lieu of Science for admission to these courses.
Business Information Systems		√		
Cyber & Network Security	√	√	√	
Data Engineering			√	
◆**Electronics Engineering**	√	√	√	
Immersive Applications & Game	√			
IT Applications Development	√	√	√	
IT Systems & Networks	√	√	√	
◆**Security System Integration**		√	√	Completed GCE 'N'

◆In line with industry requirements, applicants must ensure that they do not have colour appreciation deficiency

Industry Experiential Programme, IEP

INDUSTRY EXPERIENTIAL PROGAMME (IEP) (OUR PARTNERS)

"EVERY CRESTAN CAN SUCCEED"

Selecting your ISS – What to consider ?

1. Student's interest/preference – (ranked choices with parents' guidance)
2. Student's performance in Sec 1&2 Taster Modules (evidence of student's fit and potential)
3. Student's health condition for certain ISS (e.g. IoTA will not admit students with colour blindness, students' ability to handle tools needed in certain ISS)
4. Teachers' advice and recommendations
5. Availability of vacancies (resource constraints)

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How many vacancies in each combi in 2024

The 7 ISS Combi (Choose any 5 in preference of choice)	No of Classes to be Offered
CrO + ReC	2 Classes (44 places)
CrO + MDA	1 Class (22 places)
CrO + IoTA	1 Class (22 places)
MWA + MDA	1 Class (22 places)
MWA + IoTA	1 Class (22 places)
ReC + IoTA	1 Class (22 places)
ReC + MDA	1 Class (22 places)

There will be only 8 Sec 3 classes in 2024

Crest Secondary School
Empowered to Realise My Dreams

How do I make my ISS selection?

Demo

QUESTION 1 - RANKING ⭐

Indicate your choices for ITE Skills Subjects combinations

1st choice: ⌄

2nd choice: ⌄

3rd choice: ⌄

4th choice: ⌄

5th choice: ⌄

FAQs ?

- **Will there be a briefing for my students ?**
  - **11 Oct 23 (TBC)**
- **When do I need to select my ISS?**
  - **18 Oct - 19 Oct 23**
- **When will I know the outcome?**
  - **Monday, 30 Oct 23 (PTSC Day)**
- **Can I appeal if I do not like the combination given?**
  - **Only case-by-case basis from 31 Oct – 4 Nov 22**
  - **Subject to vacancies available**

Thank you!
Questions & Answers

Ignite Skills Challenge 2023 Category	Results
Creative Maquillage	Gold, Bronze
Crisis Management Radio Communication	Gold
Eggcellent Eggdiction	Gold
Move Right Challenge	Bronze
My SustainaBot!	Silver
Patrolling Drones	Gold
Final Results	4 Golds, 1 Silver 2 Bronze

If you do have any other questions, please feel free to check-in with our Form Teachers.