



FUCHUN SECONDARY SCHOOL

**SECONDARY 2
STREAMING ONLINE
SELECTION EXERCISE
2022**

**INFORMATION BOOKLET
ON ELECTIVE SUBJECTS
(NORMAL TECHNICAL)**

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Please note that all information is accurate at the point of printing.

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SUBJECT COMBINATIONS

SUBJECTS OFFERED in 2023

1. English Language
2. BMTLs
3. Mathematics
4. Computer Applications
5. Science *or* Elements of Business Skills
6. D&T *or* Art

SUBJECT ELIGIBILITY CRITERIA

Please note that eligibility does not automatically guarantee that the choice will be given.

The overall results and the number of vacancies available need to be taken into account too.



WHAT WILL BE COVERED IN SECONDARY 3/4

Science in **daily life** – personal perspective focusing on the individual
Science in **society** – social perspective focusing on human interaction
Science and the **environment** – naturalistic perspective focusing on man-nature relationships.

SKILLS YOU WILL LEARN

- Engaging with an event, phenomenon or through problem through:
 - Posing questions
 - Formulating hypothesis
 - Defining the problem
 - Generating possibilities
 - Predicting
- Collecting and presenting evidence through:
 - Observing
 - Using apparatus and equipment
- Making meaning of information and evidence through:
 - Comparing
 - Classifying
 - Inferring
 - Elaborating
 - Verifying

OPPORTUNITIES AT POST-SECONDARY EDUCATION

The NT Science syllabus equips you with a good foundation of scientific knowledge and skills to pursue Science and Engineering-related NITEC and Higher NITEC courses in the ITE.

CAREER PROSPECTS

Look forward to exciting and meaningful career opportunities in Aerospace, Electrical Technology, Fitness Training, Nursing, Rapid Transit Technology and more.

SCIENCE



ELEMENTS OF BUSINESS SKILLS

WHAT WILL BE COVERED IN SECONDARY 3/4

The syllabus content is organised into three sections: Business Activities, Basic Marketing and Customer Relations.

In Business Activities, students will learn the concept of a business and the classification of businesses according to output. Businesses and career opportunities in the services sector, namely, the travel and tourism, hospitality and retail industries, are also briefly examined.

In Basic Marketing, students will learn basic marketing concepts and how to develop a simple marketing plan. These include the concepts of grouping customers according to their needs and wants and the marketing mix.

In Customer Relations, students will learn the need to provide quality service to customers and the importance of effective communication in building customer relations. The selling process in the retail businesses is studied in greater depth.

SKILLS REQUIRED

A strong interest in business, marketing and retail matters.

OPPORTUNITIES AT POST-SECONDARY EDUCATION

Knowledge acquired from Elements of Business Skills will be very useful for students who pursue business or retail-related courses at the Institute of Technical Education (ITE). Students who perform very well during their course of study at ITE may be offered to continue studies at Higher NITEC and even diploma level.

CAREER PROSPECTS

Expect career opportunities in industries such as travel and tourism, hospitality, and the retail sector.



DESIGN AND TECHNOLOGY

WHAT WILL BE COVERED IN SECONDARY 3/4

- Higher complexity involved in Artefact Realisation.
- Requires the mastery of workshop equipment and processes.
- Detailed research and analysis to understand the needs of the situation.
- Generating annotated sketches that help students think through their solutions.
- Coursework (70%) + Theory (30%)

SKILLS YOU WILL LEARN

- Sourcing and collating information
- Recording observations
- Analysing and making Interpretations
- Producing clear sketches that communicate ideas visually
- Writing clearly to express one's thinking
- Generating creative and innovative solutions that solve identified needs

OPPORTUNITIES AT POST-SECONDARY EDUCATION

Having knowledge in the processes learnt during the study of Design and Technology will greatly assist the student in design courses in ITE. Other courses that have some relevancy to Design and Technology include Medical Technology, Aerospace Technology and Electrical/Electronics Technology.

CAREER PROSPECTS

Expect career opportunities in engineering, architecture, digital animation and design.



WHAT WILL BE COVERED IN SECONDARY 3/4

- Experiment on different mediums.
- Develop individual Ideas & preferences.
- Be more independent in learning.
- Exposure to local/foreign artists' works.
- Paper 1 (Coursework):
 - 3 pieces of A4 to A2-sized art pieces from 2 different Art categories
- Paper 2:
 - 3 hours to produce an art piece with 5 pieces of A3-sized Preparatory Work

SKILLS YOU WILL LEARN

- Drawing, colouring and painting
- Creativity and personal touch
- Thinking out of the box
- Critical thinking
- Fortitude and motivation to finish art pieces

OPPORTUNITIES AT POST-SECONDARY EDUCATION

Despite it not being a compulsory subject for any ITE course, knowledge in Art would help students cope with the demands of any design course in ITE. In addition, should students be interested in such courses, having a portfolio with their art pieces would boost their chances of getting into the course if they are presented during the interview.

CAREER PROSPECTS

Children's/Adult Art Therapist (Psychiatrist), Museum Curators, Conservator/Restoration of museum pieces.

ART



Entry to ITE

The best of 4 subjects is used to gain admission into ITE.

Students may offer subjects at NA level where they are eligible (eg out of stream subjects).

Computation of ITE Aggregate Points:

NA Grade	NT Grade	ITE Aggregate Points
1, 2	A	1
3	B	2
4	C	3
5	D	4
U	U	5

Bonus Points

Excellent CCA Grade = 2 bonus points

Good CCA Grade = 1 bonus point

NA Subjects (1 to 5) = 2 Bonus Points for each subject; max 4 points)

ENTRY TO ITE



Example

For a student who achieves Grade D in every subject and achieves an Excellent CCA grade,

Subject	Grade	Subject	Grade
EL	B	Math	B
EBS	B	D & T	B
		CCA	Excellent

Total (Best 4 subjects): 8 points

With CCA bonus points, aggregate score: $8 - 2 = 6$

ENTRY TO ITE

For further information regarding the different courses in the ITEs:

<https://www.ite.edu.sg/admissions/full-time-courses/nitec/entry-requirements>

The actual points differ for each ITE and may vary each year.



COMMON FAQs

S/ N	Question	Suggested Answer
1	How do the students exercise their streaming options?	Students will log onto their student ICON email to exercise their option. Another briefing will be conducted for the students in October to provide them with more details.
2	What happens if a student did not exercise his/her online option during the required period?	The student shall forfeit his/her chance to exercise his/her option. The school shall allocate the student's class and subject combinations based on his/her merit and the course vacancy.
3	If a student is not allocated the combination/elective of his/her choice, can an appeal be made?	Yes, an appeal can be made within the stated appeal period. We regret to inform you that late submissions will not be considered. The success of the appeal depends on the student's merit, specific subject criteria and the course vacancy.
4	What happens if a student did not submit his/her appeal (if any) within the appeal period?	Late submission will not be accepted. The student shall forfeit his/her chance to make the appeal.
5	Is it possible for a student to change his/her subject in future?	Preparation for O/N Levels begins in Sec 3. It is not advisable for students to change their subject combinations at Sec 3/4.