

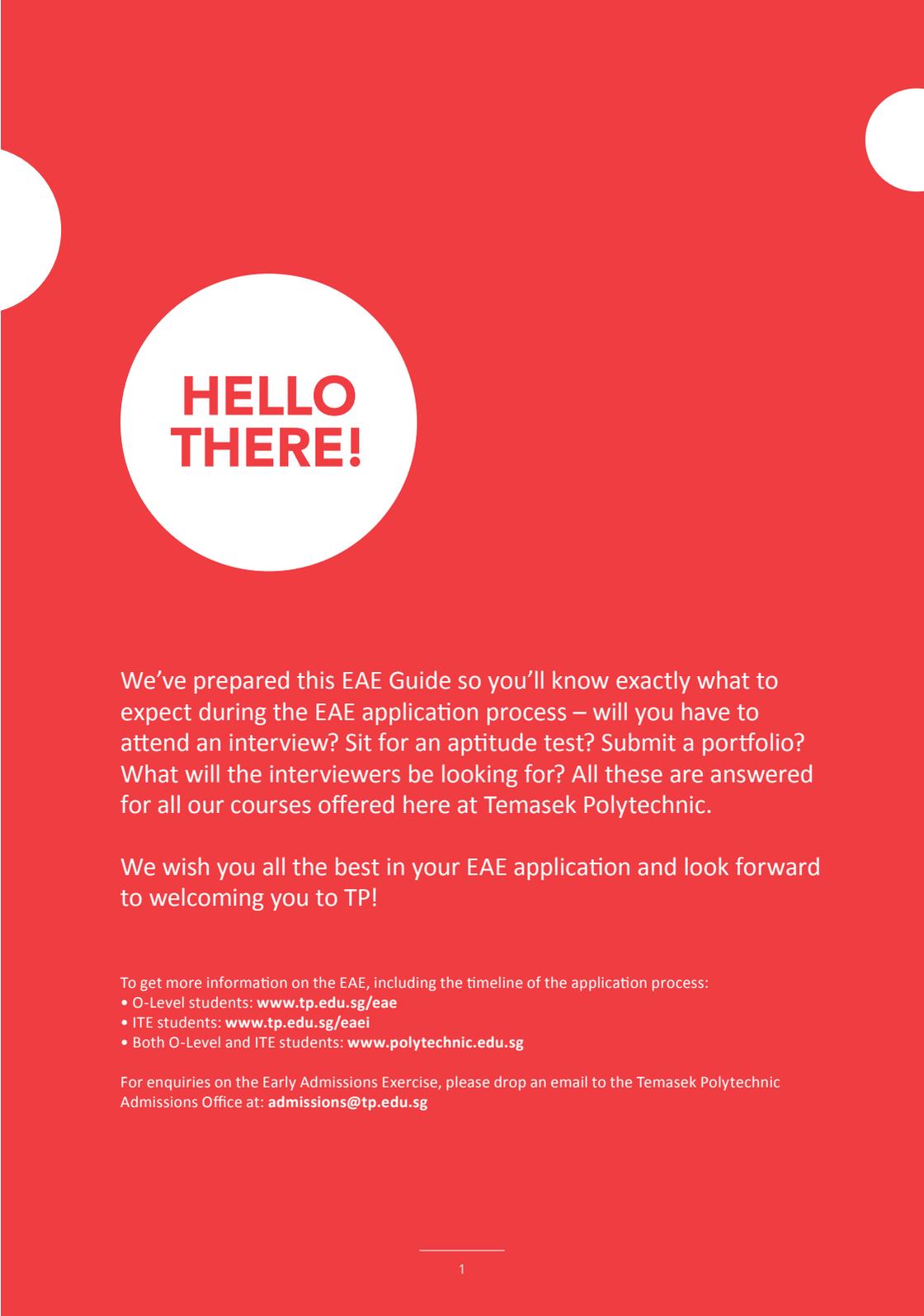
**REACH HIGHER**

**THE  
EAE  
GUIDE**

YOUR INFORMATIVE GUIDE  
TO APPLYING TO  
TEMASEK POLYTECHNIC VIA THE  
EARLY ADMISSIONS EXERCISE







# HELLO THERE!

We've prepared this EAE Guide so you'll know exactly what to expect during the EAE application process – will you have to attend an interview? Sit for an aptitude test? Submit a portfolio? What will the interviewers be looking for? All these are answered for all our courses offered here at Temasek Polytechnic.

We wish you all the best in your EAE application and look forward to welcoming you to TP!

To get more information on the EAE, including the timeline of the application process:

- O-Level students: [www.tp.edu.sg/eae](http://www.tp.edu.sg/eae)
- ITE students: [www.tp.edu.sg/eaei](http://www.tp.edu.sg/eaei)
- Both O-Level and ITE students: [www.polytechnic.edu.sg](http://www.polytechnic.edu.sg)

For enquiries on the Early Admissions Exercise, please drop an email to the Temasek Polytechnic Admissions Office at: [admissions@tp.edu.sg](mailto:admissions@tp.edu.sg)

## ▶ OUR COURSES

The Early Admissions Exercise (EAE) gives you the opportunity to apply to any of TP's diploma courses before your O-Level exams or, for ITE students, before the end of your final year of study.

### SCHOOL OF APPLIED SCIENCE

- Chemical Engineering
- Food, Nutrition & Culinary Science
- Medical Biotechnology
- Pharmaceutical Science
- Veterinary Technology

### SCHOOL OF BUSINESS

- Common Business Programme
- Accountancy & Finance
- Business
- Communications & Media Management
- Culinary & Catering Management
- Hospitality & Tourism Management
- Law & Management
- Logistics & Operations Management
- Marketing

### SCHOOL OF DESIGN

- Apparel Design & Merchandising
- Communication Design
- Digital Film & Television
- Interior Architecture & Design
- Product & Industrial Design

### SCHOOL OF ENGINEERING

- Common Engineering Programme
- Aerospace Electronics
- Aerospace Engineering
- Aviation Management
- Biomedical Engineering
- Business Process & Systems Engineering
- Clean Energy
- Computer Engineering
- Electronics
- Green Building & Sustainability
- Integrated Facility Management
- Mechatronics

### SCHOOL OF HUMANITIES & SOCIAL SCIENCES

- Early Childhood Development & Education\*
- Psychology Studies
- Social Sciences in Gerontology

*\*This diploma course is conducted by the National Institute of Early Childhood Development (NIEC), in collaboration with Temasek Polytechnic. For more information on NIEC, visit [www.niec.edu.sg](http://www.niec.edu.sg).*

### SCHOOL OF INFORMATICS & IT

- Common ICT Programme
- Big Data & Analytics
- Cybersecurity & Digital Forensics
- Financial Business Informatics
- Game Design & Development
- Information Technology

## ➤ WHO CAN APPLY?

1. Singapore Citizen and Permanent Resident students who have registered to sit for the O-Level examinations in the year of the Early Admissions Exercise (EAE).
2. International students enrolled in government, government-aided and Independent Schools who have registered to sit for the O-Level examinations in the year of EAE can also apply.
3. ITE students who are in their final year of study of their Nitec and Higher Nitec courses.
4. Singapore Citizens and Permanent Residents with working experience of two years or more, and who meet the minimum entry requirements of the courses that they are applying for.

## ➤ THE EAE PROCESS



### ONLINE APPLICATION WRITE-UP

- Write about your interest and talent in the areas related to the course you are applying for.
- Give examples of your aptitude for applied learning and for the course of study.
- Elaborate on your participation in activities (e.g. CCA) and achievements related to leadership and the diploma course.

[**TIP:** Write in a word document first and then paste your write-up into the online application. See page 4 for examples.]

### INTERVIEW

- If you have been shortlisted for the interview, bring along your portfolio to showcase the works you are most proud of, and demonstrate your interest in the subject and/or industry.
- Remember, your interviewers share your passion. All you need to do is just be yourself and speak from the heart.

[**TIP:** Your portfolio can include the following: latest examination results; achievement awards; work examples; and other work than those done in school.]

# HERE ARE SOME ONLINE APPLICATION WRITE-UP SAMPLES:

“

I am very interested in this Design course. I have a flair for art and have been in the Art Club since primary school. I enjoy drawing and would love to show you my portfolio. I have participated in various art competitions, including a poster design competition organised by the Land Transport Authority, in which I won the third prize.

*(337 characters)*

“

I hope to join this Engineering course because I have a strong passion for robotics. As part of my school CCA, I led a team that won the gold medal in the Regional Schools Robotics Competition. I also took an Advanced Elective Module on Electronics organised by Temasek Polytechnic. Through such experiences, I have become certain as to where my interest and passion lie and I hope to specialise in this field by studying in this course.

*(437 characters)*

“

I have always been fascinated by the world of computers and software programming. I have picked up C++ programming on my own by learning from resources available on the internet. I have also developed a simple mobile app for students to plan their exam revision timetable. Apart from pursuing my interest in IT, I am also very active in my participation in sports CCAs in school as well as in Values In Action activities organised by my school.

*(444 characters)*

# SCHOOL OF APPLIED SCIENCE

## WHO THEY'RE LOOKING FOR

You'll do best in this school if you are curious, a keen observer, and enjoy looking for information. You are also creative, often coming up with new ways of problem-solving. You have a purpose – you want to improve the world using science.

All courses will require that you sit for an interview and request for a portfolio. During the interview, the School will look for students who possess the qualities described above. The School also looks for a strong mental attitude, enthusiasm and commitment. Your participation in related activities, e.g. competitions, and awards/achievements, etc. will also be advantageous.

## WHAT SKILLS AND QUALITIES YOU NEED

Course	Method of Assessment	You should be able to demonstrate or present:
Chemical Engineering	Online pre-interview questionnaire and interview	<ul style="list-style-type: none"><li>• Passion for Chemistry and Mathematics as showcased through school results and/or participation in national level competitions (students taking Additional Mathematics and Pure Chemistry will have an advantage)</li><li>• Willingness to work in the chemical processing and/or pharmaceutical manufacturing industries upon graduation</li></ul>
	Portfolio	<ul style="list-style-type: none"><li>• Evidence of leadership and teamwork in CCA groups or class committee</li><li>• Evidence of interest and ability, such as:<ul style="list-style-type: none"><li>- Participation in science-related competitions/workshops/events</li></ul></li><li>• School exam results (Secondary 4 mid-year and Secondary 3 end-of-year results)</li></ul>
	Aptitude test	<ul style="list-style-type: none"><li>• Shortlisted candidates will sit through a 30-min written aptitude test to assess their numerical and analytical skills</li></ul>

Course	Method of Assessment	You should be able to demonstrate or present:
Food, Nutrition & Culinary Science	Online pre-interview write-up and interview	<ul style="list-style-type: none"> <li>• An understanding of the food and/or nutrition industries</li> <li>• Curiosity about science in baking/cooking</li> <li>• Interest in knowing how food affects health, and how food is processed</li> <li>• Some knowledge of current food/health trends, and job prospects</li> <li>• Ability to articulate career goals</li> <li>• A strong mental attitude</li> </ul>
	Portfolio	<ul style="list-style-type: none"> <li>• Evidence of leadership in CCAs</li> <li>• Evidence of interest in related fields such as: <ul style="list-style-type: none"> <li>- Participation in related Advanced Elective Module or other workshops/training/events</li> <li>- Participation in healthier food preparation/ food service/baking/culinary-related activities, eg. part-time jobs, competitions, cooking events</li> </ul> </li> <li>• School exam results (Secondary 4 mid-year and Secondary 3 end-of-year results)</li> </ul>
Medical Biotechnology	Online pre-interview questionnaire and interview	<ul style="list-style-type: none"> <li>• An understanding of the biomedical and biotechnology industry, including knowledge of the pros and cons of working in the biomedical and biotechnology industries</li> <li>• Passion for learning and working in the biomedical and/or biotechnology industries</li> <li>• The ability to distinguish the job profile of diploma holders from that of degree holders and postgraduate degree holders in the biomedical and biotechnology fields</li> <li>• Participation in relevant projects, work attachments, and/or scientific competitions at school level</li> <li>• Flair for laboratory work, including analysing, problem solving and interpreting skills, etc.</li> <li>• Ability to articulate career goals</li> </ul>
	Portfolio	<ul style="list-style-type: none"> <li>• Evidence of interest and ability, such as: <ul style="list-style-type: none"> <li>- Participation in related Advanced Elective Module or other workshops/training/events</li> <li>- Participation in relevant projects, work attachments, and/or scientific competitions at school level</li> </ul> </li> <li>• School exam results (Secondary 4 mid-year and Secondary 3 end-of-year results)</li> </ul>

Course	Method of Assessment	You should be able to demonstrate or present:
Pharmaceutical Science	Online pre-interview questionnaire and interview	<ul style="list-style-type: none"> <li>• Passion for Chemistry and Biology</li> <li>• Keen interest to pursue a career in the healthcare, pharmaceutical and biopharmaceutical industries</li> <li>• The determination and ability to handle the rigour of biology subjects (especially for those without Biology background)</li> </ul>
	Portfolio	<ul style="list-style-type: none"> <li>• Evidence of leadership and teamwork in CCA groups or class committees</li> <li>• Evidence of interest and ability, such as participation in science-related competitions/workshops/events</li> <li>• School exam results (Secondary 4 mid-year and Secondary 3 end-of-year results)</li> </ul>
Veterinary Technology	Online pre-interview questionnaire and interview	<ul style="list-style-type: none"> <li>• Clear-mindedness in wanting to do the course</li> <li>• Attributes of being patient, caring, proactive, meticulous and organised</li> <li>• Initiatives taken to fuel the interest and passion in animal care and science</li> <li>• Strong interest in working in any animal-related industry (such as clinic/hospital, research institution, aquatic industry etc) upon completing the course</li> <li>• A clear understanding of the VET programme and vet-related industry in Singapore</li> </ul>
	Portfolio	<ul style="list-style-type: none"> <li>• Evidence of interest and ability, such as: <ul style="list-style-type: none"> <li>- Hobby related to animal care e.g. bird or fish rearing and breeding</li> <li>- Letters of support or reference from clinic, animal shelter or place where voluntary work is done</li> <li>- Skills acquired through certification (diving, pet grooming, etc.)</li> <li>- Self-initiated animal care related activities e.g. helping in rehab or pet sitting or other activity that could show passion in animal care</li> </ul> </li> <li>• Evidence of leadership and teamwork in CCA groups or class committee</li> <li>• School exam results (Secondary 4 mid-year and Secondary 3 end-of-year results)</li> </ul>

# SCHOOL OF BUSINESS

## WHO THEY'RE LOOKING FOR

You'll do best in the School if you are disciplined, motivated, able to think out of the box to create new ideas and/or fuse diverse skills to solve problems. Above all, you are keen in key business sectors and possess attributes, such as analytical, entrepreneurial, collaborative and communicative skills, that enable you to thrive in an increasingly globalised and integrated economy.

All courses will require you to sit for an aptitude test to gauge your suitability for the course. If you are shortlisted, you will be invited to attend an interview. The School looks for students who demonstrate an interest and passion for the field of study and aptitude to succeed in the industry of your choice. A portfolio comprising certificates, awards or any evidence of work and/or activities to showcase qualities related to the course will be desirable.

## WHAT SKILLS AND QUALITIES YOU NEED

Course	Method of Assessment	You should be able to demonstrate or present:
All Courses	Portfolio	<ul style="list-style-type: none"><li>• Letters, certificates (e.g. academic, achievement and/or personal development), awards or any evidence and/or activities that showcase qualities related to the course</li></ul>
Common Business Programme ^  This is a common entry point for seven diploma courses: <ul style="list-style-type: none"><li>• Accountancy &amp; Finance</li><li>• Business</li><li>• Culinary &amp; Catering Management</li><li>• Hospitality &amp; Tourism Management</li><li>• Law &amp; Management</li><li>• Logistics &amp; Operations Management</li><li>• Marketing</li></ul>	Interview	<ul style="list-style-type: none"><li>• General knowledge of current affairs and business</li><li>• Global and entrepreneurial mind-set</li><li>• Awareness of trends of major consumer brands</li><li>• Interest in the use of technology</li><li>• Service mind-set</li></ul>
	Aptitude Test	<ul style="list-style-type: none"><li>• Traits and qualities of a potentially effective business person</li><li>• Logical and analytical skills with basic numeracy skills</li><li>• Communication skills</li></ul>

Course	Method of Assessment	You should be able to demonstrate or present:
Accountancy & Finance	Interview	<ul style="list-style-type: none"> <li>• Interest in accountancy or financial services industries</li> <li>• Ability to communicate ideas clearly</li> <li>• Behaviour guided by strong personal ethics and integrity</li> </ul>
	Aptitude test	<ul style="list-style-type: none"> <li>• Traits and qualities of a potentially effective business person</li> <li>• Logical, analytical and good numeracy skills</li> <li>• Communication skills</li> <li>• Ability to interpret numerical data</li> <li>• Accuracy and attention to detail</li> </ul>
Business	Interview	<ul style="list-style-type: none"> <li>• General knowledge of current affairs and business</li> <li>• Global and entrepreneurial mind-set</li> <li>• Interest in interacting with people</li> </ul>
	Aptitude Test	<ul style="list-style-type: none"> <li>• Traits and qualities of a potentially effective business person</li> <li>• Logical and analytical skills with basic numeracy skills</li> <li>• Communication skills</li> </ul>
Communications & Media Management	Interview	<ul style="list-style-type: none"> <li>• General knowledge of current affairs and the media scene</li> <li>• Enthusiasm in the media industry</li> <li>• Pleasant personality with the ability to articulate sensibly</li> </ul>
	Aptitude Test	<ul style="list-style-type: none"> <li>• Traits and qualities of a potentially effective business person</li> <li>• Logical and analytical skills with basic numeracy skills</li> <li>• Communication skills</li> </ul>
	Written test	<ul style="list-style-type: none"> <li>• Critical thinking skills</li> <li>• Language fluency and clarity</li> <li>• Good organisation of thoughts</li> </ul>
Culinary & Catering Management	Interview	<ul style="list-style-type: none"> <li>• Passion for the food &amp; beverage, culinary arts or service and hospitality industries</li> <li>• Service mind-set</li> <li>• Entrepreneurial spirit</li> <li>• Good work ethic and attitude</li> <li>• Relevant work experience (if any) and CCA involvement showing interest in the areas of Baking, Pastry or Culinary Arts.</li> </ul>
	Aptitude test	<ul style="list-style-type: none"> <li>• Ability to perform basic tasks designed to assess interest and aptitude for the food &amp; beverage industry</li> </ul>

Course	Method of Assessment	You should be able to demonstrate or present:
Hospitality & Tourism Management	Interview	<ul style="list-style-type: none"> <li>• Service mind-set</li> <li>• Sociable personality</li> <li>• Good communication skills</li> <li>• Relevant work experience (if any) and CCA involvement showing an ability to multi-task and be adaptable</li> </ul>
	Aptitude test	<ul style="list-style-type: none"> <li>• Traits and qualities of a potentially effective business person</li> <li>• Logical and analytical skills with basic numeracy skills</li> <li>• Communication skills</li> <li>• Broad understanding of Singapore's hospitality, leisure, events and tourism landscape</li> <li>• Ability to empathise with others</li> <li>• Resourcefulness and creativity in solving service problems</li> </ul>
Law & Management	Interview	<ul style="list-style-type: none"> <li>• Good command of the English language</li> <li>• Passion to be a paralegal and interest in law</li> <li>• Ability to engage in a discussion on world and local current affairs</li> </ul>
	Aptitude test	<ul style="list-style-type: none"> <li>• Traits and qualities of a potentially effective business person</li> <li>• Logical and analytical skills with basic numeracy skills</li> <li>• Communication skills</li> <li>• Strong command of the English language</li> <li>• Ability to think critically and express opinions and substantiate them with sound arguments</li> </ul>
Logistics & Operations Management	Interview	<ul style="list-style-type: none"> <li>• General knowledge of current affairs and business</li> <li>• An innovative and entrepreneurial mind-set</li> <li>• Interest to learn the skills in logistics and supply chain that enable businesses and flow of goods worldwide</li> <li>• Positive attributes such as personable, resilience, responsibility and team-player</li> <li>• Ability to articulate interests and abilities</li> </ul>
	Aptitude test	<ul style="list-style-type: none"> <li>• Traits and qualities of a potentially effective business person</li> <li>• Logical and analytical skills with basic numeracy skills</li> <li>• Communication skills</li> </ul>
Marketing	Interview	<ul style="list-style-type: none"> <li>• General knowledge of current affairs and business</li> <li>• Awareness of trends of major consumer brands</li> <li>• Enthusiastic about new ideas</li> <li>• Interest in online business</li> <li>• Sociable and enjoy working with people</li> </ul>
	Aptitude test	<ul style="list-style-type: none"> <li>• Traits and qualities of a potentially effective business person</li> <li>• Logical and analytical skills with basic numeracy skills</li> <li>• Communication skills</li> </ul>

*^ Students in the Common Business Programme will progress to their specific diploma course in Year 1 Semester 2. Students opting to be streamed to the Diploma in Law & Management must fulfil the minimum entry requirement of grade 1 to 4 for O-level English Language.*

# SCHOOL OF DESIGN

## WHO THEY'RE LOOKING FOR

The School of Design looks for students who love design, are expressive, highly motivated and passionate. Those who are curious, analytical in thinking and prolific in imagination are likely to do well.

All courses will require an aptitude test, an interview and a portfolio review. We look out for those with strong interest in design disciplines, who can demonstrate some level of creativity and the ability to generate new ideas. We look for strong portfolios that show evidence of passion and development of original ideas, with a diverse scope of work that goes beyond just schoolwork. While a background in Art or Design & Technology may be helpful, it is not compulsory.

## WHAT SKILLS AND QUALITIES YOU NEED

Course	Method of Assessment	You should be able to demonstrate or present:
Apparel Design & Merchandising	Aptitude test	<ul style="list-style-type: none"><li>• Inclination for, and deep interest in, design trends, thinking and concepts in the fashion world</li><li>• Numeracy and analytical skills</li><li>• Ability to interpret numerical data</li><li>• Accuracy and attention to detail</li></ul>
	Interview	<ul style="list-style-type: none"><li>• Passion, attitude, aptitude</li><li>• Some knowledge of fashion design and merchandising is helpful but not compulsory</li><li>• Ability to think out of the box</li></ul>
	Portfolio	<ul style="list-style-type: none"><li>• Certificates of achievement</li><li>• Samples of school work or personal works in art and design</li><li>• Works which show interest and ability in fashion illustration</li><li>• Personal design exercises, sketches or doodles</li><li>• Evidence of any other fashion or retail-related experience</li></ul>

Course	Method of Assessment	You should be able to demonstrate or present:
Communication Design	Aptitude test	<ul style="list-style-type: none"> <li>• Enthusiasm for exploring ideas through different media and techniques</li> <li>• Evidence of creative problem-solving</li> </ul>
	Interview	<ul style="list-style-type: none"> <li>• An enquiring mind</li> <li>• General knowledge and interest in the creative industry</li> <li>• Passion, attitude, aptitude</li> </ul>
	Portfolio	<ul style="list-style-type: none"> <li>• Samples of school work or personal works in art and design</li> <li>• Evidence of sketchbooks and visual diaries that demonstrate a thoughtful approach and commitment to problem-solving in Design</li> <li>• Works should showcase a lively and creative mind with diverse range – for instance, a good portfolio would include not only sketches but other aspects of expression eg photographs, videos, memes, websites, blogs that communicate your strengths and your passion.</li> </ul>
Digital Film & Television	Aptitude test	<ul style="list-style-type: none"> <li>• Ability to write or tell a story</li> <li>• Ability to demonstrate logical sequencing</li> <li>• Ability to visualise</li> </ul>
	Interview	<ul style="list-style-type: none"> <li>• Knowledge of the media industry</li> <li>• Strong interest or passion in telling stories</li> <li>• Strong desire to create films</li> </ul>
	Portfolio	<ul style="list-style-type: none"> <li>• Videos, photos, stories, scripts, essays – works that show evidence of strong passion</li> </ul>
Interior Architecture & Design	Aptitude test	<ul style="list-style-type: none"> <li>• Ability to demonstrate creativity</li> <li>• Ability to communicate ideas</li> <li>• Basic understanding of design</li> </ul>
	Interview	<ul style="list-style-type: none"> <li>• Strong interest in spaces, architecture, materials and finishes</li> <li>• Interest and curiosity in design</li> <li>• Ability to express and describe ideas</li> </ul>
	Portfolio	<ul style="list-style-type: none"> <li>• Evidence of interest in design</li> <li>• Documentation of accumulation of creative works over time</li> <li>• Samples of school work or personal works in art and design, including but not limited to, drawings, sketches, digital works, paintings, etc.</li> </ul>

Course	Method of Assessment	You should be able to demonstrate or present:
Product & Industrial Design	Aptitude test	<ul style="list-style-type: none"> <li>• Strong ability to do lateral and conceptual thinking</li> <li>• Evidence of analytical and critical thinking</li> <li>• Ability to generate new ideas</li> </ul>
	Interview	<ul style="list-style-type: none"> <li>• Evidence of interest in design</li> <li>• Keen interest in product innovation</li> <li>• Ability to express and describe ideas</li> </ul>
	Portfolio	<ul style="list-style-type: none"> <li>• Samples of school work or personal works in art and design, including but not limited to, drawings, sketches, digital works, paintings, craftwork, visual diaries, etc.</li> </ul>

# SCHOOL OF ENGINEERING

## WHO THEY'RE LOOKING FOR

We are looking for students who love finding out about how things work or why they don't, and students who like designing solutions or troubleshooting problems to arrive at creative solutions.

If you are shortlisted, you will be invited to attend an interview and may be required to take an aptitude test. The School looks for students who demonstrate an interest in the course, and a passion for the field of study, while the aptitude test will gauge your knowledge and level of interest in the subject matter. Do bring along your portfolio or relevant evidence of your talent or accomplishments in the field.

## WHAT SKILLS AND QUALITIES YOU NEED

Course	Method of Assessment	You should be able to demonstrate or present:
All Courses	Aptitude test	<ul style="list-style-type: none"> <li>Analytical skills</li> <li>Mathematical ability</li> <li>Physics/Mechanics/Electrical reasoning</li> </ul>
Common Engineering Programme ^  This is a common entry point for eight diploma courses: <ul style="list-style-type: none"> <li>Aerospace Electronics</li> <li>Aerospace Engineering</li> <li>Biomedical Engineering</li> <li>Business Process &amp; Systems Engineering</li> <li>Clean Energy</li> <li>Computer Engineering</li> <li>Electronics</li> <li>Mechatronics</li> </ul>	Interview	<ul style="list-style-type: none"> <li>Interest in engineering courses but hope to learn about engineering and discover the specific field of interest before pursuing one of the diploma courses</li> <li>Experience in handling or working in a particular field that is covered by one or more of the courses that are offered in these programmes</li> </ul>
	Portfolio	<ul style="list-style-type: none"> <li>Academic certificates, CCA transcripts and personal development certificates</li> <li>Evidence of participation in related field competitions or activities, of past achievements/experiences, and/or of leadership and teamwork</li> </ul>
Aerospace Electronics  Aerospace Engineering	Interview	<ul style="list-style-type: none"> <li>Interest in aerospace and aviation developments around the world</li> <li>Passion to join the aerospace and aviation industry as an engineer</li> </ul>
	Portfolio	<ul style="list-style-type: none"> <li>Academic certificates, CCA transcripts and personal development certificates</li> <li>Evidence of participation in related field competitions or activities, of past achievements/experiences, and/or of leadership and teamwork</li> </ul>

Course	Method of Assessment	You should be able to demonstrate or present:
Aviation Management	Interview	<ul style="list-style-type: none"> <li>• An enthusiasm to work in the aviation industry and have strong interest in, and passion for, one of the following areas:               <ul style="list-style-type: none"> <li>- Flying and pursuing a career as a pilot and/or cabin crew</li> <li>- A career as an airport operational executive</li> <li>- A career in airline operations and management</li> </ul> </li> <li>• Interest in how an airport operates, including how the many functions and services in the airport are integrated to run seamlessly</li> </ul>
	Portfolio	<ul style="list-style-type: none"> <li>• Academic certificates, CCA transcripts and personal development certificates</li> <li>• Relevant evidence of participation or involvement in any of the following:               <ul style="list-style-type: none"> <li>- Membership in an aero-modelling club</li> <li>- Attendance at any aviation-related enrichment course or programme</li> <li>- Involvement in any other related events or activities may be accepted on a case-by-case basis</li> </ul> </li> </ul>
Biomedical Engineering	Interview	<ul style="list-style-type: none"> <li>• Love for science</li> <li>• Interest in Biomedical Engineering</li> <li>• Ability to articulate skills and personal goals</li> </ul>
	Portfolio	<ul style="list-style-type: none"> <li>• Academic certificates, CCA transcripts and personal development certificates</li> <li>• Evidence of participation in related field competitions or activities, of past achievements/experiences, and/or of leadership and teamwork</li> </ul>
Business Process & Systems Engineering	Interview	<ul style="list-style-type: none"> <li>• A disciplined approach to endeavours/activities</li> <li>• Perseverance in the face of difficulties</li> <li>• Knowledge of the course as a show of interest</li> <li>• Ability to articulate interests &amp; abilities</li> </ul>
	Portfolio	<ul style="list-style-type: none"> <li>• Academic certificates, CCA transcripts and personal development certificates</li> <li>• Evidence of leadership capacity through participation in school and/or other activities</li> <li>• Evidence of participation in business/creative competitions</li> </ul>
Clean Energy	Interview	<ul style="list-style-type: none"> <li>• Awareness of what clean energy is, what it does, and how it can be used to help our environment</li> <li>• Interest in climate change and environmental issues, and how green technology (or clean energy) can be used to address these issues</li> <li>• Interest in, and knowledge of, the current research work being undertaken in the field of clean energy technologies</li> </ul>
	Portfolio	<ul style="list-style-type: none"> <li>• Academic certificates, CCA transcripts and personal development certificates</li> <li>• Evidence of participation in related field competitions or activities, of past achievements/experiences, and/or of leadership and teamwork</li> </ul>

Course	Method of Assessment	You should be able to demonstrate or present:
Computer Engineering	Interview	<ul style="list-style-type: none"> <li>• Interest in enhancing lives, industry and business through technology related to computers, smart devices, software and the IoT.</li> <li>• Ability to apply problem-solving and logical thinking skills</li> <li>• Involvement in related activities e.g.: participation in hackathons/competitions related to robotics, IT, IoT, mobile apps, smart devices, etc.</li> </ul>
	Portfolio	<ul style="list-style-type: none"> <li>• Academic certificates, CCA transcripts and personal development certificates</li> <li>• Evidence of participation in related field competitions or activities, of past achievements/experiences, and/or of leadership and teamwork</li> </ul>
Electronics	Interview	<ul style="list-style-type: none"> <li>• Interest in Electronics engineering field of study or its related areas</li> <li>• Experience in handling or working in electronics/software/hardware related areas</li> <li>• Interest in applications of Electronics, e.g. Avionics, Smart Electronic Systems, Robotics, Control, Automation, Healthcare etc.</li> </ul>
	Portfolio	<ul style="list-style-type: none"> <li>• Academic certificates, CCA transcripts and personal development certificates</li> <li>• Evidence of participation in related field competitions or activities, of past achievements/experiences, and/or of leadership and teamwork</li> </ul>
Green Building & Sustainability	Interview	<ul style="list-style-type: none"> <li>• Strong interest and passion for, one of the following areas: <ul style="list-style-type: none"> <li>- Environmental sustainability</li> <li>- Architecture/Design</li> <li>- Building &amp; Construction</li> <li>- Energy management and renewable energy</li> <li>- 3D software modelling (sketch-up etc.)</li> </ul> </li> <li>• Awareness on climate change and the role of buildings.</li> <li>• Ability to share thoughts on his/her possible future contributions to the field of green buildings.</li> </ul>
	Portfolio	<ul style="list-style-type: none"> <li>• Academic certificates, CCA transcripts and personal development certificates</li> <li>• Evidence of achievement or involvement in green and community activities</li> <li>• Evidence of participation in creative competitions or activities/past achievements/leadership and teamwork</li> <li>• Simple research on 2-3 green buildings in Singapore</li> </ul>

Course	Method of Assessment	You should be able to demonstrate or present:
Integrated Facility Management	Interview	<ul style="list-style-type: none"> <li>• Ability to appreciate the scope of work in Facility Management</li> <li>• Ability to share the basic ideas of the services provided in a building</li> <li>• Ability to share professions in facility management</li> <li>• Interest in engaging in at least one of these areas: <ul style="list-style-type: none"> <li>- Buildings operation and maintenance</li> <li>- Designing and planning spaces in buildings or facilities for better comfort and efficient operation</li> </ul> </li> </ul>
	Portfolio	<ul style="list-style-type: none"> <li>• Academic certificates, CCA transcripts and personal development certificates</li> <li>• Evidence of community service</li> <li>• Evidence of involvement in competitions related to sustainability or those that require creativity</li> </ul>
Mechatronics	Interview	<ul style="list-style-type: none"> <li>• Interest in Mechatronics field of study or its related areas</li> <li>• Experience in handling or working in mechanical/ electronics/computer control related areas</li> <li>• A problem solver to develop solutions to solve technical problems</li> <li>• Keen to pursue a career in engineering</li> </ul>
	Portfolio	<ul style="list-style-type: none"> <li>• Academic certificates, CCA transcripts and personal development certificates</li> <li>• Evidence of participation in related field competitions or activities, of past achievements/experiences, and/or of leadership and teamwork</li> </ul>

*^ Students in the Common Engineering Programme will progress to their specific diploma course in Year 2, with the exception of those specialising in Aerospace Electronics, Aerospace Engineering and Business Process & Systems Engineering, which will be in Year 1 Semester 2.*

# SCHOOL OF HUMANITIES & SOCIAL SCIENCES

## WHO THEY'RE LOOKING FOR

You'll do best in the School of Humanities & Social Sciences if you are compassionate, and enjoy connecting with people. More importantly, you should have a good character and disposition with a strong interest in the course you choose. All our courses require you to attend an interview and submit a portfolio. In addition, candidates may be required to take an aptitude test.

## WHAT SKILLS AND QUALITIES YOU NEED

Course	Method of Assessment	You should be able to demonstrate or present:
Early Childhood Development & Education  <i>This diploma is conducted by the National Institute of Early Childhood Development (NIEC)*, in collaboration with TP at the NIEC (TP) campus.</i>	Group Interview and Activity	<ul style="list-style-type: none"> <li>• Passion to nurture, inspire, educate and care for young children</li> <li>• Potential to do well as an early childhood educator</li> <li>• Positive attributes desirable of an early childhood educator, such as keenness to learn, working well in teams, having good values and social skills</li> </ul>
	Portfolio	<ul style="list-style-type: none"> <li>• Relevant documents/photos/work samples in working with young children</li> </ul>
Psychology Studies	Aptitude test	<ul style="list-style-type: none"> <li>• Knowledge about psychology</li> <li>• Critical and logical thinking</li> <li>• Writing ability</li> </ul>
	Interview	<ul style="list-style-type: none"> <li>• Passion for psychology and the social service professions</li> <li>• Strengths in CCA and/or non-academic involvements</li> <li>• Interpersonal skills</li> <li>• Good character</li> </ul>
Social Sciences in Gerontology	Application write-up	<ul style="list-style-type: none"> <li>• Your experience and engagement with older people</li> <li>• Interest in subject areas (e.g. gerontology, sociology, psychology)</li> <li>• Knowledge of the field of ageing (e.g. services, products for older adults)</li> <li>• Desire to work with people; optimal interpersonal skills</li> <li>• Mini essay</li> </ul>
	Interview	<ul style="list-style-type: none"> <li>• Leadership and teamwork capabilities</li> <li>• Knowledge and understanding of the 'silver' industry and ageing issues</li> <li>• Good CCA record and/or any work or volunteer experience</li> <li>• High level of interpersonal skills</li> </ul>

Course	Method of Assessment	You should be able to demonstrate or present:
The Psychology Studies and Social Sciences in Gerontology courses will also require:	Portfolio	<ul style="list-style-type: none"> <li>• Certificates (e.g. academic, achievement and/or personal development)</li> <li>• Evidence of community/other work involvement in relation to each course</li> </ul>

*\*NIEC is a new training institute set up by the Ministry of Education (MOE) to strengthen the foundational training and professional development of Singapore's early childhood educators.*

*For more information on NIEC, visit [www.niec.edu.sg](http://www.niec.edu.sg).*

# SCHOOL OF INFORMATICS & IT

## WHO THEY'RE LOOKING FOR

You'll do best in this School if you have a keen interest in learning how to use information technology to improve the way businesses and organisations work. You will be invited to take an aptitude test, sit for an interview, and submit a portfolio. The aptitude test helps to identify attributes such as problem-solving and logical thinking. The interview gives you a chance to share why you are keen on the course you have picked. Your portfolio gives you the opportunity to show us something you have created using IT or a collection of articles you have read about in your area of interest.

## WHAT SKILLS AND QUALITIES YOU NEED

Course	Method of Assessment	You should be able to demonstrate or present:
All Courses	Aptitude test	Problem-solving, logical thinking and analytical skills will be assessed
Common ICT Programme^  This is a common entry point for all five diploma courses: <ul style="list-style-type: none"> <li>• Big Data &amp; Analytics</li> <li>• Cybersecurity &amp; Digital Forensics</li> <li>• Financial Business Informatics</li> <li>• Game Design &amp; Development</li> <li>• Information Technology</li> </ul>	Interview	<ul style="list-style-type: none"> <li>• Knowledge and interest about how Infocomm Technologies are making a difference in the areas of business, education, healthcare, entertainment, etc.</li> <li>• The latest Infocomm Technology innovations that have made a deep impression on you</li> <li>• What sparked your interest in Infocomm Technologies</li> </ul>
	Portfolio	<ul style="list-style-type: none"> <li>• Certificates (e.g. in academic areas, personal development and/or other achievements)</li> <li>• Something you have created using IT</li> <li>• A write-up on your thoughts about, or a review of, articles on how IT can benefit organisations and individuals</li> </ul>

Course	Method of Assessment	You should be able to demonstrate or present:
Big Data & Analytics	Interview	<ul style="list-style-type: none"> <li>• Knowledge and interest about: <ul style="list-style-type: none"> <li>- How Information Technology is making a difference in the areas of business, education, healthcare, entertainment, etc.</li> <li>- How businesses or organisations can use data information to improve service, sales, products, etc.</li> <li>- The kind of data you have to manage and why it is important to learn how to manage large volumes of personal data, images, business transactions, data from social media sources, such as Twitter, Facebook, Instagram, etc.</li> </ul> </li> </ul>
	Portfolio	<ul style="list-style-type: none"> <li>• Certificates (e.g. in academic areas, personal development and/or other achievements)</li> <li>• Something you have created using IT or any data analysis project that you have done</li> <li>• A write-up on your thoughts about, or a review of articles on, how business analytics can benefit businesses and organisations</li> </ul>
Cybersecurity & Digital Forensics	Interview	<ul style="list-style-type: none"> <li>• Knowledge and interest about how Information Technology is making a difference in the areas of business, education, telecommunications, healthcare, etc.</li> <li>• A desire to uphold justice</li> <li>• Information on cyber security incidents and digital forensics investigation cases you have read about, including recent malware threats and discovered security vulnerabilities that have far-reaching impact on the cyber world</li> </ul>
	Portfolio	<ul style="list-style-type: none"> <li>• Certificates (e.g. in academic areas, personal development and/or other achievements)</li> <li>• Cyber security or digital forensics related programmes /solutions and/or general IT solutions you have developed</li> <li>• A write-up of your thoughts about, or a review of articles, on the importance of cyber security and/or digital forensics incidents</li> </ul>
Financial Business Informatics	Interview	<ul style="list-style-type: none"> <li>• Knowledge and interest about how Information Technology is making a difference in the areas of banking, finance and business</li> <li>• Information on innovations and trends in banking, finance or business using IT</li> </ul>
	Portfolio	<ul style="list-style-type: none"> <li>• Certificates (e.g. in academic areas, personal development and/or other achievements)</li> <li>• A write-up on your thoughts about, or a review of articles, on how IT and Fintech are helping banks, financial institutions and companies offer better services to their clients</li> </ul>

Course	Method of Assessment	You should be able to demonstrate or present:
Game Design & Development	Interview	<ul style="list-style-type: none"> <li>• Knowledge and interest about how Information Technology is making a difference in the areas of business, education, healthcare, entertainment, etc.</li> <li>• Information on digital games, game designs and game genres</li> </ul>
	Portfolio	<ul style="list-style-type: none"> <li>• Certificates (e.g. in academic areas, personal development and/or other achievements)</li> <li>• A game you have designed, developed, published or conceptualised</li> <li>• Game reviews</li> </ul>
Information Technology	Interview	<ul style="list-style-type: none"> <li>• Knowledge and interest about how Information Technology is making a difference in the areas of business, education, healthcare, entertainment, etc.</li> <li>• The latest IT innovations that have made a deep impression on you</li> </ul>
	Portfolio	<ul style="list-style-type: none"> <li>• Certificates (e.g. in academic areas, personal development and/or other achievements)</li> <li>• Something you have created using IT</li> <li>• Awareness of programming languages</li> <li>• A write-up on your thoughts about, or a review of, articles on how IT can benefit organisations and individuals</li> </ul>

*^ Students in the Common ICT Programme will progress to their specific diploma course in Year 2.*

## WHAT OUR STUDENTS SAY

“ Science, specifically Physics and Chemistry, was always a favourite subject of mine. So when I learned about EAE in secondary school and that there is a course in TP called Chemical Engineering, I was immediately intrigued as it offered me the opportunity to pursue my love for science. Plus, TP is close to my home, so you can just imagine my delight when I was notified of my successful application.

*Ng Yi Tong*  
*Diploma in Chemical Engineering*

“ Coming to TP was at the very top of my list for post O-Level studies. So naturally, I wanted to do all I could to increase my chances – and EAE provided me with an excellent opportunity to do so. To me, the biggest advantages of getting accepted via EAE were: it took a huge load off my shoulders, and I was able to focus better on my exams knowing that I already had a place secured in TP.

*Constance Lim*  
*Diploma in Game Design & Development*

## ALL THE BEST!

Published in May 2019.  
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at the time of printing and may be  
subject to change.  
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