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**For immediate release**

## ITE Launches Three New *Higher Nitec* Courses
*New Courses to Enhance Progression and Career Opportunities for ITE Students*

The Institute of Technical Education (ITE) will be introducing **three new *Higher Nitec* courses** in April 2019 to cater to industry demand for skilled manpower. The new Higher National ITE Certificate (*Higher Nitec*) courses that will be rolled out are:

*   *Higher Nitec* in Culinary Arts
*   *Higher Nitec* in Motion Graphics
*   *Higher Nitec* in Visual Effects

### Building Deep Skills

With the rising number of Food & Beverage (F&B) businesses, employment opportunities in the industry have been growing. The new *Higher Nitec* in Culinary Arts programme is a one-year course open only to *Nitec* in Asian Culinary Arts (ACA) and *Nitec* in Western Culinary Arts (WCA) graduates. GCE 'O' level school leavers will have to be equipped with foundational skills and knowledge, through the *Nitec* in ACA and WCA courses, before they are eligible for the *Higher Nitec* programme.

"The new *Higher Nitec* in Culinary Arts course is a wonderful platform with vast potential to develop future leaders in the culinary field. It will bring out the participants' potential in their academic and employability skills. I am positive that this fresh offering on top of the other relevant programmes at ITE will be a success," said Mr Cheong Hai Poh, President of the International Food and Beverage Association.

The local media industry has been evolving too. To meet the changing industry demands and build stronger skill competencies for visual effects artists, the current *Nitec* in Visual

Effects course will be replaced by the new ***Higher Nitec* in Visual Effects** course. Similarly, the new ***Higher Nitec* in Motion Graphics** course has been developed in response to the growing industry need for trained artists in creative services and post-production work.

More information on the new *Higher Nitec* courses to be offered in April 2019 can be found in ***Annex A***. Details on the full-time *Higher Nitec* courses in April 2019 for GCE 'O' Level holders and their entry requirements can be found in ***Annex B***.

## Application Procedures

GCE 'O' Level school leavers who are interested in applying for ITE's full-time *Higher Nitec* or *Nitec* courses, including Traineeship programmes, can refer to the following chart for more details:

| Course Type | Application Details | Dates |
|---|---|---|
| Full-time *Higher Nitec* courses | GCE 'O' Level applicants may submit their applications via the MOE-JAE website at: https://www.moe.gov.sg/admissions/joint-admissions-exercise | Mon, 14 Jan 2019 (from 3 pm) to Fri, 18 Jan 2019 (4 pm) |
| Full-time *Nitec* courses | GCE 'O' Level applicants may submit their application via the ITE website at: www.ite.edu.sg | Mon, 14 Jan 2019 (from 3 pm) to Thu, 17 Jan 2019 (5 pm) |
| *Nitec* courses under Traineeship Programme | | Mon, 14 Jan 2019 (from 3 pm) to Fri, 25 Jan 2019 (5 pm) |

| Higher Nitec courses under Traineeship Programme & ITE Skills Certification Courses under Traineeship | Applicants may submit their applications in person at the Event Hall, ITE Headquarters (2 Ang Mo Kio Drive, Block A, Level 2, Singapore 567720)<br><br>Pre-interview sessions will be conducted on the same day. | Mon, 14 Jan 2019 (from 3 pm) to Thu, 17 Jan 2019 (5 pm) |
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| | Applicants may submit their applications person at the Customer & Visitor Centre, ITE Headquarters (Block A, Level 2, 2 Ang Mo Kio Drive, Singapore 567720) | Fri, 18 Jan 2019 to Fri, 22 Mar 2019 (9 am – 5 pm) |

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**About ITE**
The Institute of Technical Education (ITE) is a post-secondary education institution established in 1992 under the Ministry of Education. As a principal provider of career and technical education, and a key developer of national occupational skills certification and standards, ITE's Mission is to create opportunities for students and adult learners to acquire skills, knowledge and values for employability and lifelong learning. ITE's Vision is to be A Trailblazer in Career and Technical Education. Our Values are Integrity, Teamwork, Excellence and Care. ITE comprises the ITE Headquarters and three ITE Colleges - College Central, College East and College West.

## *HIGHER NITEC* IN CULINARY ARTS（烹饪艺术）

### Introduction

A **Senior Cook/Demi Chef** applies advanced cooking techniques and principles of food nutrition, sensory analytics and recipe formulation to create a wide variety of dishes catered to the consumers' palate and preference, as well as manage the budget for kitchen operation and food catering for events and functions.

### Course Outline

Upon completion of the course, students should be able to:

- Produce a range of dishes using advanced cooking techniques
- Apply principles of food nutrition in food preparation
- Analyse dishes using sensory analytics
- Create customised menus and recipes
- Manage budget for kitchen operations
- Manage food catering for events and functions

### Entry Requirements

Admission to this course is for *Nitec* progression students who have obtained a minimum GPA of 2.8 in one of the following courses:

- *Nitec* in Asian Culinary Arts
- *Nitec* in Western Culinary Arts

Applicants must also attend a selection interview.

### Duration

1 year

### Job Opportunities & Career Prospects

Graduates may be employed as Senior Cook, Station Cook and Demi Chef by restaurants and F&B outlets in hotels. There are also opportunities for career advancement to supervisory positions and beyond if they have performed well at the workplace.

### Progression Pathway

*Higher Nitec* in Culinary Arts graduates may apply for progression to the Technical Diploma in Culinary Arts offered by ITE as well as relevant polytechnic diploma courses if they obtain a GPA of at least 2.0.

# *HIGHER NITEC* IN MOTION GRAPHICS（动画设计）

## Introduction

A Motion Graphics Artist combines the use of graphic animation and live-footages, to create engaging motion visuals for various design communication and branding purposes. The new *Higher Nitec* in Motion Graphics course will be introduced from April 2019 to equip students with the knowledge and skills in post-production workflow to create broadcast media resources and complete the works with colour grading.

## Course Outline

Upon completion of the course, students should be able to:

- Plan production work
- Perform non-linear editing
- Develop 2D and 3D assets
- Create animation
- Perform video compositing

## Entry Requirements

- Applicants must possess at least 3 GCE 'O' Level Grades including:
  - Grade 1 - 7 in English Language
  - Grade 1 - 8 in any two other subjects
    [*Note: To be eligible for selection, applicants must also have sat for Mathematics (Elementary/Additional).]
- In addition to the above academic requirements, applicants must ensure that they do not suffer from colour appreciation deficiency. They would also be required to take an aptitude test.

## Duration

2 years

## Job Opportunities & Career Prospects

Graduates may be employed by companies in the post-production, broadcasting, film, games, design and media sectors. They perform work involving the creation of graphics, animation and live video content for a diverse array of media, including smartphones, handheld electronic devices, the web and television.

Some of the job titles held by graduates at entry level include Broadcast Graphics Artist, Animator, Video Editor and Broadcast Designer.

## Progression Pathways

*Higher Nitec* in Motion Graphics graduates may apply for progression to related diploma courses at the polytechnics.

# *HIGHER NITEC* IN VISUAL EFFECTS（视觉效果）

## Introduction
A Visual Effects Artist creates computer graphics and combines them with various visual elements towards a final sequence in a production environment. The new *Higher Nitec* in Visual Effects course will be introduced from April 2019 to equip students with the skills and knowledge to create computer graphics elements, and combine them with live-action for a photo-realistic final sequence in a post-production environment.

## Course Outline
Upon completion of the course, students should be able to:
- Plan production work
- Develop 3D assets
- Perform lighting and rendering
- Create mattes
- Perform effects simulation
- Perform rotoscoping
- Perform video compositing

## Entry Requirements
- Applicants must possess at least 3 GCE 'O' Level Grades, including:
  - Grade 1 - 8 in English Language,
  - Grade 1 - 7 in Mathematics (Elementary or Additional) or Principles of Accounts*; and
  - Grade 1 - 8 in one other subject.
    [*Note: To be eligible for selection, applicants must also have sat for Mathematics (Elementary/Additional).]
- In addition to the above academic requirements, applicants must ensure that they do not suffer from color appreciation deficiency. They would also be required to take an aptitude test.

## Duration
2 years

## Job Opportunities & Career Prospects
Graduates may be employed by companies in the post-production, broadcasting, film, games, design and media sectors. They perform work involving video editing, 3D modelling and lighting, rotoscoping, matchmoving and compositing.

Some of the job titles held by graduates at entry level include Digital Matte Painter, Video Editor, Roto Artist, Matchmovers Junior Compositor and Junior Visual Effects Artist.

## Progression Pathways
*Higher Nitec* in Visual Effects graduates may apply for progression to related diploma courses at the Polytechnics.

**FULL-TIME *HIGHER NITEC* COURSES FOR GCE 'O' LEVEL HOLDERS AND ENTRY REQUIREMENTS**

Course Duration: 1 ½ - 2 years

| School of Applied & Health Sciences | Course Title | Minimum Entry Requirements |
|---|---|---|
| | ***Higher Nitec* in:**<br><br>• **Biotechnology**<br>• **Chemical Technology** | 3 GCE 'O' Grades<br><br>• **Grade 1-8** in English Language<br>• **Grade 1- 7** in Mathematics (Elementary/Additional)<br>• **Grade 1-8** in one of the following subjects:<br><br>- Biology<br>- Biotechnology<br>- Chemistry<br>- Combined Science<br>- Human & Social Biology<br>- Integrated Science<br>- Physics / Engineering Science<br>- Science (Chemistry, Biology)<br>- Science (Physics, Biology)<br>- Science (Physics, Chemistry) / Physical Science<br>- Science (Physics, Biology, Chemistry) |
| | ***Higher Nitec* in Paramedic & Emergency Care** | 3 GCE 'O' Grades<br><br>• **Grade 1-8** in English Language<br>• **Grade 1- 7** in Mathematics (Elementary/Additional)<br>• **Grade 1-8** in one other subject<br><br>**Note:**<br><br>* *To be eligible for selection, candidates must have completed the Emergency Medical Technician course/Medical Orderly/Combat* |

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| | | *Medic Specialist course administered by SCDF or SAF or the WSQ Higher Certificate in Healthcare Support (PHEMS) and possess minimum 1 year relevant work experience in emergency pre-hospital setting.* |
| **School of Business & Services** | ***Higher Nitec* in:**<br>• **Accounting**<br>• **Banking Services**<br>• **Event Management**<br>• **Human Resource & Administration**<br>• **International Logistics**<br>• **Maritime Business**<br>• **Retail & Online Business**<br>• **Service Management**<br>• **Sport Management** | 3 GCE 'O' Grades<br>• **Grade 1-7** in English Language<br>• **Grade 1- 8** in Mathematics (Elementary/Additional) **or** Principles of Accounts *<br>• **Grade 1-7** in one other subject<br>**Note:**<br>* *To be eligible for selection, candidates must have sat for Mathematics (Elementary/Additional)* |
| | ***Higher Nitec* in Early Childhood Education** | 3 GCE 'O' Grades<br>• **Grade 1-6** in English Language<br>• **Grade 1-6** in two other subjects<br>**Note:**<br>*To be eligible for selection, candidates must have sat for Mathematics (Elementary/Additional)* |
| | ***Higher Nitec* in:**<br>• **Beauty & Wellness Management (previously known as *Higher Nitec* in Beauty & Spa Management)**<br>• **Leisure & Travel Operations**<br>• **Passenger Services** | 3 GCE 'O' Grades<br>• **Grade 1-7** in English Language<br>• **Grade 1-7** in two other subjects<br>**Note:**<br>*To be eligible for selection, candidates must have sat for Mathematics (Elementary/Additional)* |

| School of Design & Media | *Higher Nitec* in:<br><br>• **Filmmaking (Cinematography)**<br>• **Performance Production** | 3 GCE 'O' Grades<br><br>• **Grade 1-7** in English Language<br>• **Grade 1- 8** in Mathematics (Elementary/Additional) **or** Principles of Accounts *<br>• **Grade 1-7** in one other subject<br><br>**Note:**<br><br>* *To be eligible for selection, candidates must have sat for Mathematics (Elementary/Additional)* |
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| | *Higher Nitec* in:<br><br>• **Interactive Design**<br>• **Visual Effects (NEW)** | 3 GCE 'O' Grades<br><br>• **Grade 1-8** in English Language<br>• **Grade 1- 7** in Mathematics (Elementary/Additional) **or** Principles of Accounts *<br>• **Grade 1-8** in one other subject<br><br>**Note:**<br><br>* *To be eligible for selection, candidates must have sat for Mathematics (Elementary/Additional)* |
| | *Higher Nitec* in Architectural Technology (previously known as *Higher Nitec* in Space Design Technology) | 3 GCE 'O' Grades<br><br>• **Grade 1-8** in English Language<br>• **Grade 1- 7** in Mathematics (Elementary/Additional)<br>• **Grade 1-8** in one of the following subjects:<br>- Biology<br>- Biotechnology<br>- Chemistry<br>- Combined Science<br>- Computing / Computer Studies<br>- Design & Technology<br>- Electronics / Fundamentals of Electronics |

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| | | - Human & Social Biology<br><br>- Integrated Science<br><br>- Physics / Engineering Science<br><br>- Science (Chemistry, Biology)<br><br>- Science (Physics, Biology)<br><br>- Science (Physics, Chemistry) / Physical Science<br><br>- Science (Physics, Biology, Chemistry) |
| | *Higher Nitec* in:<br><br>• **Motion Graphics (NEW)**<br>• **Visual Merchandising** | 3 GCE 'O' Grades<br><br>• **Grade 1-7** in English Language<br><br>• **Grade 1- 8** in two other subjects<br><br>**<u>Note:</u>**<br><br>*To be eligible for selection, candidates must have sat for Mathematics (Elementary/Additional)* |
| **School of Electronics & Info-comm Technology** | *Higher Nitec* in:<br><br>• **Broadcast & Media Technology**<br>• **Business Information Systems**<br>• **Cyber & Network Security**<br>• **Electronics Engineering**<br>• **Games Art & Design**<br>• **Games Programming & Development**<br>• **IT Applications Development**<br>• **IT Systems & Networks**<br>• **Security System Integration** | 3 GCE 'O' Grades<br><br>• **Grade 1-8** in English Language<br><br>• **Grade 1- 7** in Mathematics (Elementary/Additional)<br><br>• **Grade 1-8** in one of the following subjects:<br><br>- Biology<br><br>- Biotechnology<br><br>- Chemistry<br><br>- Combined Science<br><br>- Computing / Computer Studies<br><br>- Design & Technology<br><br>- Electronics / Fundamentals of Electronics<br><br>- Human & Social Biology<br><br>- Integrated Science<br><br>- Physics / Engineering Science |

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| | | - Science (Chemistry, Biology) |
| | | - Science (Physics, Biology) |
| | | - Science (Physics, Chemistry) / Physical Science |
| | | - Science (Physics, Biology, Chemistry) |
| **School of Engineering** | *Higher Nitec* in:<br><br>• **Civil & Structural Engineering Design**<br>• **Electrical Engineering**<br>• **Engineering with Business**<br>• **Facility Management**<br>• **Facility Systems Design**<br>• **Landscape Management & Design**<br>• **Marine & Offshore Technology**<br>• **Marine Engineering**<br>• **Mechanical Engineering**<br>• **Mechatronics Engineering**<br>• **Offshore & Marine Engineering Design**<br>• **Process Plant Design**<br>• **Rapid Transit Engineering**<br>• **Robotics & Smart Systems** | 3 GCE 'O' Grades<br><br>• **Grade 1-8** in English Language<br>• **Grade 1- 7** in Mathematics (Elementary/Additional)<br>• **Grade 1-8** in one of the following subjects:<br><br>- Biology<br>- Biotechnology<br>- Chemistry<br>- Combined Science<br>- Computing / Computer Studies<br>- Design & Technology<br>- Electronics / Fundamentals of Electronics<br>- Human & Social Biology<br>- Integrated Science<br>- Physics / Engineering Science<br>- Science (Chemistry, Biology)<br>- Science (Physics, Biology)<br>- Science (Physics, Chemistry) / Physical Science<br>- Science (Physics, Biology, Chemistry) |

| School of Hospitality | *Higher Nitec* in Hospitality Operations | 3 GCE 'O' Grades<br><br>• **Grade 1-7** in English Language<br><br>• **Grade 1-7** in two other subjects<br><br>**Note:**<br><br>*To be eligible for selection, candidates must have sat for Mathematics (Elementary/Additional)* |
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