

ITE 16/18/01

Press Release No. 24/08

ITE Rolls Out Seven New *Nitec* Courses in January 2009

Two new Space Design courses among those opened to GCE 'N' School Leavers

GCE 'N' and 'O' school leavers with a keen interest and aptitude in Interior Design and Architecture will have something to cheer about. Driven by strong demand in the local construction industry, and the need to attract secondary school leavers to take up careers in the sector, ITE will be introducing two new design courses to nurture young talents in the related fields. The new courses - ***Nitec in Space Design (Architecture)*** and ***Nitec in Space Design (Interior & Exhibition)*** - will be conducted at ITE College Central starting January 2009.

2 The total construction contracts in Singapore have risen from \$16.1 billion in 2006 to \$24.5 billion in 2007, and continue to sustain at these high levels for the whole of this year. The Building and Construction Authority (BCA) has projected that construction demand is expected to remain high in 2009. Under a tight construction capacity, the Government has recently decided to postpone a total of about \$4.7 billion worth of public sector construction projects to 2010 and beyond. The introduction of these courses at ITE is expected to help meet skilled manpower demands in the construction industry.

3 The duration of each of the full-time *Nitec in Space Design (Architecture)* and *Nitec in Space Design (Interior & Exhibition)* courses is two years. These courses will be conducted at the School of Design & Media in ITE College Central (Tampines Campus). More details on these courses can be found at **Annexes A1 and A2**.

4 The two courses are among seven new *Nitec* courses to be introduced by ITE in January 2009. The other new courses include:

- *Nitec* in Aerospace Machining Technology
- *Nitec* in Machine Building Technology
- *Nitec* in Medical Manufacturing Technology
- *Nitec* in Semiconductor Tooling Technology
- *Nitec* in Facility Technology (Landscaping Services)

5 ITE's list of *Nitec* courses in engineering, service and hospitality, info-communications technology, and design and media, now stands at **47**. The full list of courses is at **Annex B**.

Thumbs-Up from Industry

6 ITE is right on track in gauging the pulse of the industry. Echoing industrial response to the introduction of the new courses and specialisation modules, Miss Rita Soh, Director, RDC Architects Pte Ltd, said: "It is timely to introduce these new courses as the industry currently requires both drafting as well as basic design skills from the junior employees. With an increasingly high number of employees aspiring to further their education for higher level positions, there is a critical need to fill this vacuum."

Gaining a Head Start with the Direct Entry Scheme

7 GCE 'N' (Academic) school leavers who are technically-inclined and would like to pursue hands-on training, can have a head start in technical education by opting for the Direct Entry Scheme, where they can be considered for direct entry into the two-year *Higher Nitec* programme. The scheme was implemented early this year. Successful applicants will undergo a 10-week preparatory course before the commencement of the *Higher Nitec* course in Apr 2009.

Application Procedures

8 Application for **Full-time Courses** opens on **Thursday 18 Dec 2008 (from 2.30pm) to Tuesday 23 Dec 2008 (5 pm)**. Secondary school leavers who sat for the GCE 'N' level examinations in 2008 will be able to submit their applications for the full-time *Nitec* courses via <http://www.ite.edu.sg/>. Applications can also be made at ITE Colleges. For **Traineeship Courses**, applicants should apply personally at ITE HQ (10 Dover Drive) on Fri 19 Dec 08, Mon 22 Dec 2008 and Tue 23 Dec 2008 (9 am to 5 pm).

9 Those who wish to apply at any of the ITE Colleges can do so from **8:30 am to 5:00 pm on weekdays** and from **8.30 am to 12 noon on Saturday 20 Dec 2008** during the application period. School leavers may wish to visit the ITE Colleges during the intake period for career advice. Self-service facilities for Internet application are also available at the Colleges. The list of ITE Colleges is at **Annex C**.

Media Publicity on New Courses and Intake Application

10 The media is invited to publicise the contents of this release, to enable secondary school leavers and their parents to be better informed on the courses offered in ITE, and their career opportunities.

11 For more information, please contact:

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The Institute of Technical Education (ITE), Singapore, was established as a post-secondary education institution in 1992 under the Ministry of Education. ITE is a principal provider of career and technical education and key developer of national occupational skills certification and standards to enhance Singapore's workforce competitiveness. Under its "One ITE System, Three Colleges" Model of Education and Governance, ITE has three Colleges, comprising ITE College Central, ITE College East and ITE College West.

Nitec in Space Design (Architecture)**Introduction**

Driven by strong demand, total construction contracts hit \$16.1 billion in 2006 followed by \$24.5 billion in 2007. The latest projection by Building and Construction Authority (BCA) shows that construction demand for the whole of 2008 is likely to be \$23 billion to \$27 billion this year, and is expected to remain high in 2009. Based on a survey conducted by the Singapore Workforce Development Agency (WDA) in 2007, the projected annual demand for Architectural/Building Draftsman is above 85 for the period from 2007 to 2009.

Course Outline

This course will provide students with the skills and knowledge to visualize and prepare building drawings including schematic design, presentation drawings, building plans, working drawings, specialist drawings of residential and commercial buildings, using computer-aided drafting.

Entry Requirements

Applicants must have 3 GCE 'N' Level passes (Grades A – D or Grades 1 – 5) in Mathematics and 2 other subjects or 2 GCE 'O' Level passes (Grades 1 – 8). Shortlisted applicants will have to pass a colour deficiency test, sit for a drawing test and attend an interview.

Training Place & Intake

The course will be offered at ITE College Central (Tampines Campus) with effect from Jan 2009 starting with an intake capacity of 80 students.

Career Prospects

Graduates can be employed by government departments, statutory boards and private companies in the building and construction sector. Some of the job titles to be held by the graduates include Architectural Draftsman, Architectural Technician, Technical Officer, and Technical Executive.

Nitec in Space Design (Interior & Exhibition)**Introduction**

Driven by strong demand, total construction contracts hit \$16.1 billion in 2006 followed by \$24.5 billion in 2007. The latest projection by Building and Construction Authority (BCA) shows that construction demand for the whole of 2008 is likely to be \$23 billion to \$27 billion this year, and is expected to remain high in 2009. Based on a survey conducted by the Singapore Workforce Development Agency (WDA) in 2007, the projected annual demand for interior design assistant/draftsman is 50 for the period from 2007 to 2009.

Course Outline

This course will provide students with the skills and knowledge to prepare layout plans, constructional drawings, presentation drawings, illustrations and graphics using manual and computer-aided drafting and design (CADD) software for tenders, and construction, and presentation packages to communicate designer's concepts and ideas to clients.

Entry Requirements

Applicants must have 3 GCE 'N' Level passes (Grades A – D or Grades 1 – 5) in Mathematics and 2 other subjects or 2 GCE 'O' Level passes (Grades 1 – 8). Shortlisted applicants will have to pass a colour deficiency test, sit for a drawing test and attend an interview.

Training Place & Intake

The course will be offered at ITE College Central (Tampines Campus) with effect from Jan 2009 with a starting intake capacity of 40 students.

Career Prospects

Graduates can be employed by government departments, statutory boards and private companies in the building and construction sector. Some of the job titles to be held by the graduates include Assistant Interior Designer, Draftsman, Junior Designer/Assistant Exhibition Designer/Junior Design Executive /Junior Designer, and Designer.

FULL-TIME NITEC COURSES AND ENTRY REQUIREMENTS

GCE 'N' / GCE 'O' level holders can apply for the following full-time National ITE Certificate (*Nitec*) courses.

Nitec Courses	Campus Code	Course Code	Minimum Pre-Requisites
Applied Sciences			
<p>Duration : 2 Year</p> <p>Applied Food Science <i>This course comprises 21 months of full-time campus training and 3 months of company-based training.</i></p>	CE-SM	F2AFS	<p>3 GCE 'N' Passes Grade A-D or Grade 1-5) n Mathematics, Science and one other subject Or 2 GCE 'O' Grades (Grade 1-8) in Mathematics and Science</p>
<p>Chemical Process Technology</p> <p><i>Common syllabus in the 1st year of training. Areas of specialisation in 2nd year are:</i></p> <ul style="list-style-type: none"> • <i>Petrochemicals</i> • <i>Pharmaceuticals</i> • <i>Process Instrumentation</i> <p><i>This course comprises 18 months of full-time campus training and 6 months of company-based training.</i></p>	CE-SM	F2CPT	<p>3 GCE 'N' Passes (Grade A-D or Grade 1-5) in Mathematics, Science (except Human & Social Biology) and one other subject Or 2 GCE 'O' Grades (Grade 1-8) in Mathematics and Science (except Biology and Human & Social Biology)</p>

Business & Services			
<p>Duration : 1 Year</p> <p>Service Skills</p> <ul style="list-style-type: none"> • <i>Office</i> • <i>Retail</i> <i>This course comprises 10 months of full-time campus training and 2 months of company-based training. In view of the nature of work in the retail industry, consideration will be given to applicants with a positive service attitude and who enjoy interacting with people.</i> • <i>Tourism</i> <i>This course comprises 9 months of full-time campus training and 3 months of company-based training. Consideration will be given to applicants with good communication skills and a pleasant disposition. Applicants should also possess a service oriented mindset and good interpersonal skills.</i> 	<p>CC-BS CE-SM CW-CT</p> <p>CC-BS CE-SM CW-CT</p> <p>CW-CT</p>	<p>F8SVO</p> <p>F8SVR</p> <p>F8SVT</p>	<p>3 GCE 'N' Passes (Grade A–D or Grade 1-5) in English Language and two other subjects</p> <p>Or</p> <p>2 GCE 'O' Grades (Grade 1-8) in any two subjects</p>
<p>Duration : 1 year and 3 months</p> <p>Beauty Therapy <i>This course comprises 12 months of full-time campus training and 3 months of company-based training. In view of the nature of work in the beauty and spa industry, consideration will be given to applicants with good skin complexion and personal hygiene, as well as a passion to help customers enhance their overall aesthetic appearance.</i></p> <p>(offered under Special Admissions Exercise)</p>	<p>F8BTY</p>	<p>CE-SM</p>	

<p>Duration : 2 Years</p> <p>Hair Fashion & Design <i>This course comprises 21 months of full-time campus training and 3 months of company-based training. In view of the nature of work in the hair industry, consideration will be given to applicants with neat appearance, creativity and a positive service attitude.</i></p> <p>(offered under Special Admissions Exercise)</p>	CE-SM	FSHFD	<p>3 GCE 'N' Passes (Grade A–D or Grade 1-5) in English Language and two other subjects</p> <p>Or</p> <p>2 GCE 'O' Grades (Grade 1-8) in any two subjects</p>
<p>Culinary Skills (Western) <i>This course comprises 18 months of full-time campus training and 6 months of company-based training. Applicants must possess a passion for cooking, and must be diligent and dexterous with their hands.</i></p>	CW-CT	FSCSW	
<p>Fitness Training <i>This course comprises 18 months of full-time campus training and 6 months of company-based training. Applicants must display a passion for fitness training and have a sports background, good communication skills and a service mindset.</i></p>	CW-CT	FSFTG	
<p>Food & Beverage Operations <i>This course comprises 18 months of full-time campus training and 6 months of company-based training. Applicants should have a passion to serve customers and possess good grooming, interpersonal and communication skills.</i></p>	CW-CT	FSFBO	
<p>Pastry & Baking <i>This course comprises 18 months of full-time campus training and 6 months of company-based training. Applicants should have a passion for food and must be diligent, creative, detailed and dexterous with their hands.</i></p>	CW-CT	FSPBK	

Design & Media			
Space Design (Architecture) NEW	CC-TP	F2SDA	3 GCE 'N' Passes (Grade A-D or Grade 1-5) in Mathematics and two other subjects Or 2 GCE 'O' Grades (Grade 1-8) in any two subjects
Space Design (Interior & Exhibition) NEW <i>Preference will be given to students with a strong interest specific to exterior and interior architecture.</i>	CC-TP	F2SDI	
Digital Animation <i>Preference will be given to applicants with good drawing / sketching abilities and a creativity flair for design and illustration.</i>	CC-MP	F2ANI	Completed GCE 'N' Level Or Completed GCE 'O' Level
Digital Media Design (Digital Video Effects) Digital Media Design (Interactive Media) <i>Preference will be given to applicants with a passion for design and media content creation, good drawing and/or sketching abilities.</i>	CC-TP CC-TP CW-AM	F2DMV F2DMI	
Product Design <i>This course comprises 21 months of full-time campus training and 3 months of company-based training. Preference will be given to students with a strong interest specific to product design, good drawing and/or sketching abilities.</i>	CC-BS	F2PRD	
Engineering			
Aerospace Avionics <i>This course comprises 18 months of full-time campus training and 6 months of company-based training. In view of the nature of work in maintenance, repair & overhaul activities, students are required to possess good work attitudes, safety awareness, a sense of responsibility, the ability to communicate well and a passion for aviation.</i>	CC-YS	F2AEA	

Aerospace Technology <i>This course comprises 18 months of full-time campus training and 6 months of company-based training. In view of the nature of work in maintenance, repair & overhaul activities, students are required to possess good work attitudes, safety awareness, a sense of responsibility, the ability to communicate well and a passion for aviation.</i>	CC-YS	F2AET	3 GCE 'N' Passes (Grade A-D or Grade 1-5) in Mathematics and two other subjects Or 2 GCE 'O' Grades (Grade 1-8) in any two subjects
Communications Technology	CC-YS	F2COM	
Building Drafting (Civil & Structural)	CC-BK	F2BDD	
Electrical Technology <i>Common syllabus in the 1st year of training. Areas of specialisation in 2nd year are:</i> <ul style="list-style-type: none"> • Lighting & Sound • Power & Control 	CE-SM CW-AM CE-SM CW-AM	F2ELT	
Aerospace Machining Technology NEW	CW-BR	F2AMT	3 GCE 'N' Passes (Grade A-D or Grade 1-5) in Mathematics or Science and two other subjects Or 2 GCE 'O' Grades Grade 1-8) in any two subjects
Machine Building Technology NEW	CW-BR	F2MBT	
Medical Manufacturing Technology NEW	CW-AM	F2MDT	
Semiconductor Tooling Technology NEW	CW-AM	F2STT	

<p>Electronics <i>Common syllabus in the 1st year of training.</i> <i>Areas of specialisation in 2nd year are:</i></p> <ul style="list-style-type: none"> • <i>Computer & Networking</i> • <i>Instrumentation</i> • <i>Wafer Fabrication</i> • <i>Wireless LAN</i> 	<p>CC-YS CC-MP CE-SM CW-AM CW-BB CW-BR</p> <p>CC-MP</p> <p>CC-YS</p> <p>CC-YS CE-SM CW-BR</p>	<p>F2ECS</p>	<p>3 GCE 'N' Passes (Grade A-D or Grade 1-5) in Mathematics or Science and two other subjects</p> <p>Or</p> <p>2 GCE 'O' Grades (Grade 1-8) in any two subjects</p>
<p>Mechatronics <i>Common syllabus in the 1st year of training. Areas of specialisation in 2nd year are:</i></p> <ul style="list-style-type: none"> • <i>Automation Technology</i> • <i>Equipment Assembly</i> • <i>Medical Technology</i> 	<p>CC-MP CW-BB CW-BR</p> <p>CW-BB</p> <p>CC-MP</p>	<p>F2MCS</p>	
<p>Automotive Technology <i>Common syllabus in the 1st year of training.</i> <i>Areas of specialisation in 2nd year are:</i></p> <ul style="list-style-type: none"> • <i>Light Vehicles</i> • <i>Heavy Vehicles</i> 	<p>CW-AM CW-BR</p> <p>CC-YS</p>	<p>F2AUT</p>	
<p>Facility Technology <i>Common syllabus in the 1st year of training.</i> <i>Areas of specialisation in 2nd year are:</i></p> <ul style="list-style-type: none"> • <i>Air-conditioning & Refrigeration</i> • <i>Landscaping Services</i> NEW • <i>Mechanical & Electrical Services</i> 	<p>CC-BK CE-SM</p> <p>CE-SM</p> <p>CC-BK CE-SM</p>	<p>F2FCT</p>	

Mechanical Technology	CC-MP CE-SM	F2MET	
Security Technology <i>This course comprises 21 months of full-time campus training and 3 months of company-based training. Preference will be given to applicants with good work attitudes, sense of responsibility and an interest for a career in the electronics security industry.</i> *Students will undergo first year training at CW-BB or CW-BR respectively. The 2nd year training will be shifted to CW-DR in January 2010	CW-BB CW-BR	F2SYT	Completed GCE 'N' Level Or Completed GCE 'O' Level
Health Sciences			
Nursing <i>This course comprises 12 months of full-time campus training and 12 months of on-the-job clinical training. In view of the nature of work in the healthcare industry, consideration will be given to applicants who project a pleasant and neat appearance, and with a caring attitude.</i>	CE-SM	F7NCN	3 GCE 'N' Passes (Grade A-D or Grade 1-5) in English Language, Mathematics and Science Or 2 GCE 'O' Grades (Grade 1-8) in any two subjects.
Info-Communication Technology			
Digital Audio & Video Production <i>Consideration will be given to applicants with a passion for digital photography, video and audio production.</i>	CW-AM CE-SM	F2DAV	3 GCE 'N' Passes (Grade A-D or Grade 1-5) in Mathematics and two other subjects Or 2 GCE 'O' Grades (Grade 1-8) in any two subjects
Multimedia Technology	CW-BB CC-BK CE-SM	F2MMT	Or 2 GCE 'O' Grades (Grade 1-8) in any two subjects
Info-Communications Technology	CC-MP CE-SM CW-BR	F2ICT	3 GCE 'N' Passes (Grade A-D or Grade 1-5) in Mathematics or Science and two other subjects Or 2 GCE 'O' Grades (Grade 1-8) in any two subjects

<p>ITE CAMPUSES:</p> <p><u>TE College Central</u> CC-BK : ITE College Central (<i>Bedok Campus</i>) CC-BS : ITE College Central (<i>Bishan Campus</i>) CC-MP: ITE College Central (<i>MacPherson Campus</i>) CC-TP: ITE College Central (<i>Tampines Campus</i>) CC-YS : ITE College Central (<i>Yishun Campus</i>)</p> <p><u>ITE College East</u> CE-SM: ITE College East</p>	<p><u>ITE College West</u> CW-AM : ITE College West (<i>Ang Mo Kio Campus</i>) CW-BB : ITE College West (<i>Bukit Batok Campus</i>) CW-BR : ITE College West (<i>Balestier Campus</i>) CW-CT : ITE College West (<i>Clementi Campus</i>)</p>
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TRAINEESHIP COURSES AND ENTRY REQUIREMENTS

GCE 'N' / GCE 'O' holders can apply for the following traineeship courses under the January 2009 intake:

Course	Minimum Pre-Requisites
<p>National ITE Certificate (<i>Nitec</i>) – 1 year</p> <p>Dental Assisting</p> <p>Service Skills (Office)</p> <p>Service Skills (Retail)</p> <p>Social Services</p>	<p>3 GCE 'N' Passes (Grade A-D or Grade 1-5) in English Language and two other subjects</p> <p>Or</p> <p>2 GCE 'O' Grades (Grade 1-8) in any two subjects</p>
<p>National ITE Certificate (<i>Nitec</i>) – 2 to 2½ years</p> <p>Accommodation Operations</p> <p>Food & Beverage Operations</p>	<p>3 GCE 'N' Passes (Grade A-D or Grade 1-5) in English Language and two other subjects</p> <p>Or</p> <p>2 GCE 'O' Grades (Grade 1-8) in any two subjects</p>

<p>Electrical Technology (Power & Control) Marine Electrical Technology</p>	<p>3 GCE 'N' Passes (Grade A-D or Grade 1-5) in Mathematics and two other subjects</p> <p>Or</p> <p>2 GCE 'O' Grades (Grade 1-8) in any two subjects</p>
<p>Info-Communications Technology</p>	<p>3 GCE 'N' Passes (Grade A-D or Grade 1-5) in Mathematics or Science and two other subjects</p> <p>Or</p> <p>2 GCE 'O' Grades (Grade 1-8) in any two subjects</p>
<p>Mechatronics (Automation Technology)</p>	
<p>Automotive Technology (Light Vehicles) Facility Technology (Air-Conditioning & Refrigeration) Fabrication Technology (Hull & Structures) Fabrication Technology (Marine Pipe) Hairstyling Marine Technology Welding</p>	<p>Completed GCE 'N' Level</p> <p>Or</p> <p>Completed GCE 'O' Level</p>
<p>ITE Skills Certificate (ISC) Health Care (Home Care) Health Care (In-patient) Health Care (Out-patient)</p>	<p>Completed GCE 'N' Level</p> <p>Or</p> <p>Completed GCE 'O' Level</p>

LIST OF ITE COLLEGES CONDUCTING NITEC COURSES

ITE COLLEGE CENTRAL	ITE COLLEGE WEST	ITE COLLEGE EAST
ITE College Central (Bedok Campus) 71 Chai Chee Street Singapore 468981 Tel: 6580 5040	ITE College West (Ang Mo Kio Campus) 4300 Ang Mo Kio Ave 5 Singapore 569869 Tel: 6411 1052	10 Simei Avenue Singapore 486047 Tel: 6544 9100
ITE College Central (Bishan Campus) 21 Bishan Street 14 Singapore 579781 Tel: 6580 5050	ITE College West (Balestier Campus) 114 Balestier Road Singapore 329679 Tel: 6411 1088	
ITE College Central (MacPherson Campus) 201 Circuit Road Singapore 379498 Tel: 6580 5068	ITE College West (Bukit Batok Campus) 20 Bukit Batok Street 21 Singapore 659635 Tel: 6411 1080	
ITE College Central (Yishun Campus) 20 Yishun Ave 9 Singapore 768892 Tel: 6580 5090	ITE College West (Clementi Campus) 6 Lempeng Drive Singapore 128496 Tel: 6411 1110	
ITE College Central (Tampines Campus) 2 Tampines Street 92 Singapore 528889 Tel: 6580 5080	ITE College West (Dover Campus) 20 Dover Drive Singapore 138682 Tel: 6411 1120	