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**3D ANIMATION-3DS MAX**

**WE ARE COMMITTED**  
TO PROVIDE 100% QUALITY  
TRAINING TO ALL...

# COURSE OVERVIEW

3DS Max combines powerful tools for the major areas in 3D content creation: modeling, animation, texturing, lighting and rendering. Today's top video games are using 3ds Max to create its characters, models and more. This course covers the 3ds Max Interface and the workflow of Max. Participants will be able to create models, textures and lighting and can acquire a fundamental expertise in 3D animation with 3ds Max.

**Entry Requirement** : Basic Computer Knowledge  
**Course Duration** : 16 hrs.  
**Mode of Training** : Face to face Instructor led Training



# COURSE CONTENT

## Module 1 Introduction to 3DS MAX

Introduction to 3d max interface  
Introduction to different 3d views  
Maximizing minimizing view port  
Changing views of a 3d object.  
Working with unit set up  
Opening new file, saving file  
Pan view

## Module 2 3D Objects

Using standard primitive objects  
Scaling moving rotating objects  
Selecting objects  
Selecting object by name  
Snap toggle options  
Aligning 3d objects  
Mirror option

## Module 3 Modeling

create panel  
Modeling with standard primitive objects  
Editing standard primitive  
Editable polygons  
Elements of editable polygon  
Modifying editable polygon  
Using vertex and polygon  
Adding, removing, welding vertex  
Extrude polygon  
Beveling, bridging, inserting  
Introducing quick slice and slice plane  
Using boolean, revolve, loft  
Using shape options  
Using spline objects  
Lathe option  
Modeling doors, windows and stairs  
Modeling objects using extended primitives

## **Module 4** **Advanced modeling**

Advanced objects modeling  
Character modeling using vertex and polygon  
Product modeling

## **Module 5** **Texturing**

Coloring objects  
Material texturing using images  
Steel materials and glass material  
Uvw mapping, unwrapping uvw  
Bump mapping  
Giving reflections to materials  
Editing materials

## **Module 6** **Lighting**

Using 3d max lights, standard lights  
Photo metric lights, sky light  
Direct light, omni light  
Target lights, editing light parameters  
Light properties, Intensity/color/attenuation

## **Module 7** **Camera**

Using 3d cameras  
Target and free camera  
Using camera parameters  
Lens options  
Positioning camera  
Moving camera

## **Module 8** **Animation**

Introducing animation  
Animating objects using key frame  
Setting up bone, bone binding option  
Rigging option, basic bone animation  
Taking output, bone editing options

## **Module 9** **Rendering**

3d max render setting, using assign renderer  
Rendering 3d views  
Rendering stills and movie  
Rendering animations, time out put setting  
Output size setting, saving files



# FUNDING AVAILABLE

## SkillsFuture Credit

The Singapore Government provides SkillsFuture Credits to all Singaporeans self sponsored (above 25 years) to enhance their knowledge and skills by attending training programs in Singapore.

## The Skills Development Fund (SDF)

The Skills Development Fund support is used to support workforce upgrading programmes and to provide training grants to companies when they send their employees to attend training. The SDF is administrated by the SkillsFuture Singapore Agency (SSG).

### STUDENT'S TESTIMONIAL

#### Photoshop

"Trainer is extremely patient and eager to share this knowledge. Even though it was my first time experience in using Photoshop, I really learned a great deal of things from this course. Thank You".

**OU Shaoting, Singapore Police Force**

#### Web Designing

"Contents in the Web designing course are detailed and benefited to me in my learning journey. The teachers are nice and helpful. G-TEC is a good place to learn about technology and I will definitely come back to learn more skills".

**College Student**

#### Autocad

"The trainer is very patient. He doesn't mind to keep repeating the same step. I am totally new to AutoCAD and he manages to give me self-confidence".

**Innovalues Ltd, Singapore**

#### MS Office

"I will encourage everyone to come for the Ms Office Basic course as the lessons are relevant to work. Teachers are willing to teach until I understood my work".

**Odin Marine (Singapore) Pte Ltd,  
Admin Assistant**

Since 2008

Corporate Clients 1200+

Professionals Trained 4500+



## COMPANY PROFILE

### What We do:

G-TEC Computer Education Centre is an Information Technology company in the field of Software Training, Technology Resourcing and Knowledge Consulting. We provide Corporate Training, Project Training, and Customized Training, One to One trainings for professionals, individuals and students.

### Who are our Customers:

We have special teaching methodologies to train people in different categories ranging from corporate clients to school level students. Over 1.5 million students are certified by G-TEC all over the world. We have the privilege of working with some of the most well-known companies in the world.

### Where we are :

G-TEC Computer Education Centre is the largest computer education networks with more than 510 centers all over the world and corporate office in Singapore. We are operating in Mexico, Qatar, India, Dubai, Singapore, Kuwait, Srilanka, Iran, Malaysia, Saudi Arabia, Bahrain and Ghana.

### Our Goal and Focus :

Our aim is to make IT education affordable to all sections of society through various projects associating with government's quasigovernment public and private company to reach each corner. Our ultimate goal is to achieve cent percentage computer literacy. We are committed to provide 100% quality training to all; our focus is to provide Quality Education World Wide.

# OUR POPULAR COURSES

## Multimedia

Interior Design  
Autocad  
Web designing  
Digital Architect

## Programming

Java - Java EE  
.NET ( C# & Asp)  
C++  
Python

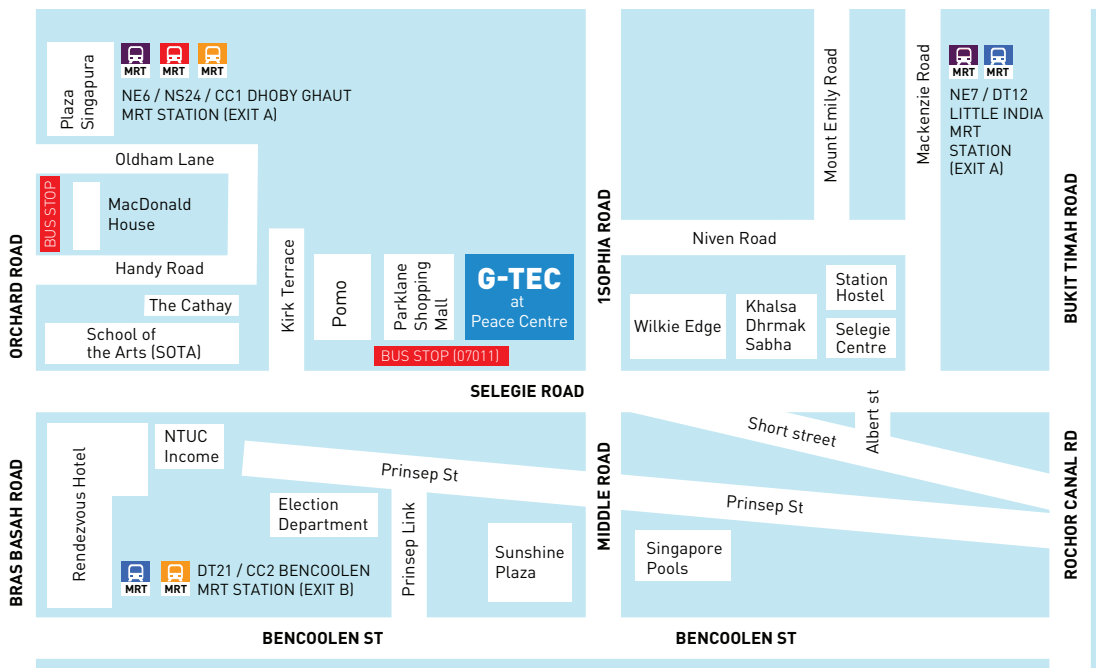
## Office Skills

MS Excel  
Excel Advanced  
MS Powerpoint  
MS Access

# OUR SERVICE OFFERING

- ▶ Software Training
- ▶ Onsite Training
- ▶ Customised Corporate Training
- ▶ Knowledge Consulting
- ▶ Online Training
- ▶ Project Training

# OUR LOCATION



## Nearest MRT

Dhoby Ghaut-Exit A  
Little India-Exit A  
Bencoolen-Exit B

## Bus Services

64, 65, 131, 139, 147,  
166, 857

## Nearest Bus Stop

Peace Centre: 07011

## G-TEC COMPUTER EDUCATION CENTRE

"Registered with Committee for Private Education (CPE) is part of SkillsFuture Singapore (SSG)"

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