

FRAMECAD SOFTWARE ACADEMY
BASIC LEVEL

FRAMECAD IS PLEASED TO OFFER YOU THIS THREE DAY COURSE TO DEVELOP YOUR SKILLS IN FRAMECAD STRUCTURE AND DETAILER PLUS

Venue: FRAMECAD International FZE, Showroom No.S3A1SR07, Jebel Ali Free Zone South – Dubai, UAE

Date: September 2018

OBJECTIVE OF THE COURSE:

This 3-day basic software training course will increase your knowledge and further develop your skills to get the best out of FRAMECAD Structure and Detailer software including practical and technical tips. This course is designed mainly for ***FIRST TIME USERS***. For those with existing FRAMECAD software experience (Structure or Pro Design) and would like to further enhance their software capabilities, the **INTERMEDIATE LEVEL SOFTWARE ACADEMY** is specifically designed for this purpose.

THE COURSE:

This 3-day training course covers 2 Software Packages:

FRAMECAD Structure is CAD based software that allows for design and engineering capability for walls and trusses, complying with numerous international building standards (IBC, AS/NZS 1170, SANS, EN, etc.) and steel codes (such as AISI, AS/NZS 4600, SANS, EN, etc.).

FRAMECAD Structure allows for full environmental conditions such as various wind zones, roof loads, snow loads and seismic conditions; while allowing users to optimize designs for the best use of material while remaining structurally sound.

FRAMECAD Structure is backed by supporting documentation, which focuses on methodology of design, design tables and sectional properties, all customized to your section profile, steel grade and gauge, and local environmental conditions.

FRAMECAD Structure is integrated with FRAMECAD Detailer to then detail the plans ready for manufacture by the FRAMECAD manufacturing plant.

FRAMECAD Detailer is an advanced detailing software package that allows a steel frame manufacturing operation to be modelled from scratch ready for manufacture, walls, roof trusses or roof panels and webbed sub-floors, or convert an architect's concept into detailed building plans ready for manufacture by FRAMECAD manufacturing plant.

FRAMECAD Detailer is fully integrated with the factory control system - FRAMECAD Factory, allowing transmission of building plans directly from design (using FRAMECAD Structure), to manufacturing and assembly integrating the manufacturing and design process seamlessly to increase production efficiencies.

REQUIREMENTS FROM ATTENDEES:

All attendees are required to:

- Bring their laptop computer and mouse to this course
- Actively participate in the course exercises
- Bring software HASPS for BOTH Structure and Detailer
- Confirm their attendance at least 2 weeks in advance by filling in the registration form
- Submit copy of their passport; 1 passport size photo and copy of UAE visa for the gate pass application into the free-zone. Kindly scan and send as soon as possible so we can get your gate passes ready well ahead of time to avoid last minute delays. Please note that without an official gate pass, you will not be granted access into the Jebel Ali Free Zone (JAFZA)

Citizens of the GCC nations of Bahrain, Kuwait, Oman, Qatar and Saudi Arabia do not require a visa to travel to the UAE.

If your country of nationality appears on the list below, no advance visa arrangements are required to visit the UAE. Your passport will be stamped with a 30-day visit visa free of charge at the immigration.

Andorra	Denmark	Italy	New Zealand	Spain
Australia	Estonia	Japan	Norway	Sweden
Austria	Finland	Latvia	Poland	Switzerland
Belgium	France	Liechtenstein	Portugal	United Kingdom
Brunei	Germany	Lithuania	Romania	United States of America
Bulgaria	Greece	Luxembourg	San Marino	Vatican City
Canada	Hong Kong	Malaysia	Singapore	
Croatia	Hungary	Malta	Slovakia	
Cyprus	Iceland	Monaco	Slovenia	
Czech Republic	Ireland	Netherlands	South Korea	

Nationals of countries not listed above require a pre-arranged UAE visa and can now apply and pay for their visas online through emirates.com if they are traveling with Emirates Airline without having to submit their passports for stamping. If not flying through Emirates Airline, applicants can proceed to the Consulate of the UAE in their city to submit a visa application. Otherwise, you can contact us and one of our travel agencies will do the visa for you at $160 and this will take only 3 working days.

ACCOMMODATION:

FRAMECAD has corporate rates with the below hotel. Please mention your association with FRAMECAD when inquiring about your stay.

Premier Inn-Ibn Battuta**
Ibn Battuta Mall
Ms. Joy Talastas
+971 4 278 2222
reservations.ibm@mena.premierinn.com

We can also help you to book a hotel at very minimal rate and guest pay upon check-in/out.

TRANSPORTATION:

Taxis are very regular along the streets of Dubai and are easy to spot. The easiest place to find them is at the taxi queue at one of the malls, close to a metro station or outside any hotel. All hotels in Dubai provide their guests with private taxi services that can be arranged from the main counter. The journey from Internet City where most of the hotels are strategically located takes from 20 to 30 minutes to FRAMECAD office depending on the rush hour and the traffic on Sheikh Zayed Road. Please plan your journey ahead of time in order to reach FRAMECAD office in the right time as per determined by the Training agenda.

Carpooling can also be arranged at your request at very minimal cost from hotel to our JAFZA office and back

AGENDA – DAY 1:

9:00 AM – 11:00 AM	FRAMECAD Presentation Day 1 • Attendees • FRAMECAD
11:00 AM – 11:15 AM	Case Study – G+1 Orphan House
11:15 AM – 11:30 AM	Coffee/Tea Break
11:30 AM – 12:30 PM	FRAMECAD Factory Tour
12:30 PM – 01:30 PM	Lunch
01:30 PM – 02:30 PM	FRAMECAD Structure Basics – Border Settings
02:30 PM – 03:15 PM	FRAMECAD Structure Basics - Creating Wall Frame Layouts • Background of FRAMECAD Structure Software • Basic CAD Skills and Hot Keys • Set up and Assembly Settings • Basic Wall Layouts • Dimensioning • Coding Frames • Inserting Windows and Doors
3:15 PM – 3:30 PM	Coffee Break
3:30 PM – 5:00 PM	FRAMECAD Structure Basics - Creating Truss Layout and Final Wall Framing Design • Truss Layout Concept • Roof Block Theory to Detail Roof and Trusses • Reports • Detailing Wall Panels • Wall Detailing Methods
5:00 PM – 5:15 PM	Questions and Answers

AGENDA – DAY 2:

8:30 AM – 9:30 AM	FRAMECAD Presentation Day 2
9:30 AM – 10:00 AM	Structure Basics – Truss Design & Joist Layout • Floor Joist Calculator • Truss Detailing and Analysis • Truss Modification and Design
10:00 AM – 10:15 AM	Coffee Break
10:15 AM – 12:00 AM	Wall Frame Design • Bracing Methods • Connection Methods
12:00 PM – 12:45 PM	Lunch
12:45 PM – 02:15 PM	Frame Building • TTD Truss Builder • JJD Joist Builder • PPD Joist Builder
02:15 PM – 02.45 PM	Reports
02:45 PM – 04:30 PM	Engineering Analysis and Commands
04:30 PM – 05:00 PM	Revision & CNC files
5:00 PM	Adjourn

AGENDA – DAY 3:

8:30 AM – 9:00 AM	Review of Days 1 and 2
9:00 AM – 10:30 AM	FRAMECAD Detailer Basics • Machine Configuration Options • Drafting Tools • Software Interaction with FRAMECAD Structure • Basic Layout, Punching Tools and Frame Scripts
10:30 AM – 10:45 AM	Coffee Break
10:45 AM – 12:15 PM	Building Wall Frames • Assigning Properties • Adding Openings and Triples
12:15 PM – 1:00 PM	Lunch
1:00 PM – 2:30 PM	Building and Modifying Trusses • Frame Scripts and Properties • Truss Types and Roof Panels
2:30 PM – 3:45 PM	Exporting FRAMECAD Detailer Files • Printing Shop Drawings • Exporting to 3-D Model • Exporting to Roll Former
3:45 PM – 4:00 PM	Coffee Break
4:00 PM – 4:30 PM	Proficiency Test
4:30 PM – 5:00 PM	Review and Certificates
5:00 PM	Adjourn

FC INTERNATIONAL – TRAINEES

Eng. Baider H Baker – Design Engineer

Baider is a Chartered Civil/Structural Engineer. Having completed his Bachelor's degree from the University of Auckland in New Zealand he possesses extensive experience in HR Steel Structures, multi span bridges, pre-stress design, timber structures, foundations and CFS Structures. Baider has worked on multi-million dollar projects in New Zealand, Australia and the Middle East. Baider speaks English and Arabic.

Eng. Ashley Fransman – Design Engineer

Ashley is a Chartered Civil/Structural Engineer. Having completed his Bachelor's degree from the University of Peninsula technology in South Africa, he possesses extensive experience in HR Steel Structures, RC structures, timber structures, foundations and CFS Structures. Ashley has worked on multi-million dollar projects in South Africa, United Kingdom, South America and the Middle East. Ashley speaks English and Afrikaans.

FC INTERNATIONAL – SALES TEAM - DUBAI:

Eng. Nader Elhajj – Business Development Director – FRAMECAD Methods

Nader is a structural engineer with over 30 years of design and construction experience, he is a registered Professional Engineer and holds a MS degree in Structural Engineering and an MBA. Nader comes from a multi-cultural background and speaks Arabic and English. He has been closely affiliated with several light gauge steel associations around the world.

Mr. Henry Haddad – Systems Sales Manager

Henry comes from a multi-cultural background and speaks Arabic, English and French. He has a degree in commerce with an emphasis on International Business and has 7 years working experience with FRAMECAD Systems in both New Zealand and the Middle East. Henry possesses deep knowledge and extensive experience in Light Gauge Steel manufacturing solutions and manages a wide customers' database in the region.

Mr. Amit Likhite – Steel Business Development Manager

Amit has over 16 years of business experience of which 10 years spent in the GCC in developing steel business and sales for various steel production companies. He holds a master degree in Marketing Management from Preston College. Amit joined FRAMECAD in 2014 and has been working since on developing FRAMECAD steel products supply chain.

FC INTERNATIONAL – TECHNICAL TEAM – DUBAI:

Mr. Ericson Pia – Client Services – Technical Support

Eric is Electronic and Communication by trade and holds a Trade Qualification in Electronics & Communication Engineering. He has 8 years' experience in FRAMECAD Roll Forming machines– He has also been exposed to developing and setting up of LGS system, installation & commissioning of steel roll forming line, Lamination line as well as Aftersales Support of all FRAMECAD roll-forming equipment. Ericson is originally from Philippines but has worked as senior Maintenance Engineer in the GCC for 9 years though started his time with FRAMECAD in May 2015.

Mr. Jayson Mercado – Client Services – Technical Support

Jayson has over 7 years' experience in Roll Forming machines and has also been exposed to setting up of LGS system, installation & commissioning of steel roll forming line. With a background of BSIT major in Instrumentations and Control Engineering Technology, he has worked as Machine Operator/Supervisor/Procurement in the GCC for 7years. Jayson started with FRAMECAD in 2014 Aftersales Support in machine commissioning, servicing as well as spare parts sale and coordination.