



3D EDUCATORS

Invest in People the Only Asset that Appreciates...

Certified Plumber Training Program

LIVE ONLINE INSTRUCTOR LED
ONE TO ONE FACILITY AVAILABLE



BUILDING NATIONS A Professional Development Institute

This highly specialized and concentrated Program is ideally suited to following individuals who:

- A people who would like to become a professional Electrician.
- The people who are engaged in this profession, but not have the accredited certification can join.
- The professionals, who have sound experience and exposure, but cannot excel due to good certification, may join.

ACCREDITED FROM USA



COURSE OBJECTIVES:



Plumbing is the essential need in the market, where wash-rooms, kitchen and other related rooms have required proper fitting and fixtures. This Plumbing Course in Karachi and Plumbing Course in Pakistan is offered by 3D EDUCATORS and covering the technical works, where the installation of Taps, Seats, and all wash-room fittings are needed to install very appropriately and properly. Plumber and Job of Plumbing is very sensitive and technical job nowadays, because it is not only need to install or fix the items, it also needs the work must be looked very beautiful. Four and five star hotels and big houses, where the clients are required state of art work in this capacity and complete the plumbing jobs with neat and clean ways.

Program Details

Inauguration

Training Program will be inaugurated by a senior member of 3DEducators

Program Structure

Details of the programs	
Number of classes in a week	1
Duration of each class	3
Guided Hours	0
Non Guided Hours	0
Total Hours	24 hours

Other Learning Activities

Activities that have been required	
Classroom Assignment	4
Presentation By Trainees	1
Project	1

Program Syllabus

Course Content

- **UNIT I: LEGENDS, SYMBOLS, AND TAKEOFF LISTS:**
 - **USING DRAWING LEGENDS AND PLUMBING SYMBOLS:**
 - Reading a Construction Drawing
 - Identifying Water System Pipelines
 - Identifying Fixture Symbols
 - Identifying Waste System Pipelines

 - **LISTING PLUMBING MATERIALS:**
 - Measuring Pipe Run Lengths
 - Listing Water and Waste Line Fittings

- **UNIT II: INSTALLING WATER SUPPLY SYSTEMS:**
 - **WATER SUPPLY SYSTEMS AND MATERIALS:**
 - Identifying Types of Piping Materials
 - Measuring Pipes
 - Preparing Piping Materials

 - **ROUGHING IN WATER SUPPLIES AND LINES:**
 - Installing Stops (Valves)
 - Using Fittings on Pipe Runs
 - Installing Water Line Pipe Runs
 - Supporting Pipeline Runs
 - Testing Systems for Leaks

- **UNIT III: INSTALLING WASTE SYSTEMS:**
 - **WASTE SYSTEMS AND MATERIALS:**
 - Classifying Types of Piping
 - Measuring Pipes
 - Preparing Piping Materials
 - Working with Rigid Plastic Pipe
 - Working with Galvanized Steel Pipe
 - Working with Rigid Copper Tubing

- **ROUGHING IN WASTE SYSTEMS:**
 - Installing Sewer Pipelines
 - Installing Drain Lines and Stacks
 - Venting the Waste System
 - Installing Piping Material
 - Supporting Pipeline Runs
 - Testing the System for Leaks

- **UNIT IV: INSTALLING PLUMBING FIXTURES:**
 - **INSTALLING LAVATORIES AND SINKS:**
 - Identifying Lavatories and Sinks
 - Installing Wall-Hung Lavatories
 - Installing Faucets
 - Attaching Drain Outlets
 - Installing P-Traps
 - Installing Shutoff Angle Valves
 - Installing Flexible Tubing
 - Testing for Mechanical Operation and Leaks

 - **INSTALLING WATER CLOSETS WITH FLUSHING DEVICES:**
 - Identifying Water Closets
 - Installing Water Closets
 - Attaching Flushing Devices
 - Installing Flushing Mechanisms
 - Installing Flushometers
 - Installing Water Service
 - Adjusting Flushing Mechanisms
 - Installing the Seats

 - **INSTALLING URINALS:**
 - Identifying Urinals
 - Installing Wall-Hung Urinals
 - Attaching Drain Outlets
 - Connecting P-Traps to Urinals
 - Installing Flushometers

- **UNIT V: PLUMBING MAINTENANCE AND REPAIR:**
 - **MAINTENANCE OF VALVES:**
 - Identifying Valves
 - Repairing Valves
 - Repairing Faucets
 - Repairing Flushometer Valve

- Repairing Flushing Mechanisms
- Repairing Control Devices

- **CLEARING STOPPAGES IN PLUMBING FIXTURES:**
- Identifying Clearing Tools
- Clearing Stoppages In Fixtures

- **CLEARING STOPPAGES IN WASTE LINES:**
- Identifying Sewer Snakes
- Locating and Clearing Stoppages in Waste Lines

Due to any reason, those students who are unable to appear for the final examination is required to submit a written application stating the reason for not appearing for the exam. 3D Educators reserves the right to approve or deny such applications. If approved, the student will be allowed to sit for the exam within one month. Failure to do so, the student will be resubmit the examination fee and sit the future schedule exam. Without passing of the exams no certification will be awarded.

Live Online Class Facility Available

INSTRUCTIONS

- ❖ Instructor Led Training
- ❖ Real Time Presentations available at our official website of 3D EDUCATORS
- ❖ Interactive Classes
- ❖ Complete Notes and Other Stuff shall be provided through our Secure Student Login Member's Area
- ❖ For Online Live Classes, you may please download the Admission Form through our website <http://www.3deducators.com>. Fill it properly and attached the required document along with Picture and send back to info@3deducators.com with scanned fee submitted voucher in the bank.
- ❖ For Pakistan you may submit the fee at any MCB Branch with the title of "3D EDUCATORS-TRAINERS & CONSULTANTS".
- ❖ If you are outside Pakistan then you may transfer via Bank to Bank or any western union, Fast Track, Money Gram or else International Transfer Body.
- ❖ After Admission, if you don't have GMAIL Account then you are requested to kindly make one GMAIL Account and shared it info@3deducators.com. Then further correspondence shall be made by our institute official.
- ❖ Extra Bandwidth Charges shall be incurred.
- ❖ If you are outside country or city then extra courier charges shall be incurred for Certificate.
- ❖ Medium shall be used gotomeeting.com

IMPORTANT INSTRUCTIONS FOR LIVE CLASSES

- ❖ During Classes, you are requested to make sure that you are in isolated room, where you should be there except your voice.
- ❖ Kindly Switch Off your Cell Phone during the class, because it will disturb the quorum of class.
- ❖ If you have taken the admission in the course online, ethically it is recommended and suggested that you only avail this facility.
- ❖ Recording of Lectures are not allowed at your end.

This world is emerging and growing in the 21st Century very rapidly because of latest and remarkable technologies and its advancement. Due to advancement of technology, we 3D EDUCATORS offer Live Interactive class sessions. 3D EDUCATORS believe on Information Technology and its systems. Now you can also avail this facility at your home.

JOIN US FROM ANYWHERE

Call: 9221-34141329, 9221-34857148

Cell: 0333-2402474

Cell: 0322-2083032

Contact: info@3deducators.com

Web: <http://www.3deducators.com>

Admission Form: [Admission Form](#) (Press Control to download)

MANAGEMENT

3D EDUCATORS – TRAINERS & CONSULTANTS

TERMS & CONDITIONS

WITHDRAWAL FROM THE CERTIFICATION OR DIPLOMA

Students are not allowed to withdraw from the CERTIFICATION/DIPLOMA. If a student cannot complete the CERTIFICATION his/her fee will be forfeited.

CONDUCT AND DISCIPLINE

A disciplinary action, leading to rustication, will be taken against students whose conduct is found objectionable at any time during the course of study. Reference will be made to 3D Educators code of conduct.

EVALUATION AND GRADING

The performance of students is evaluated through continuous observation of a student's performance in the CERTIFICATION/DIPLOMA – class participation, submission of assignments, quizzes and exercises.

The student will be examined through three hourly exams conducted at the midterm and a final exam at the end of the program. Total marks for passing the CERTIFICATION/DIPLOMA will be 70 out of a total of 100.

Students who do not meet the attendance or any other eligibility criteria will not be allowed to appear in the final examination.

The following grading plan will be applicable for the CERTIFICATION/DIPLOMA:

A	87 - 100
B+	81 - 86
B	72 - 80
C+	66 - 71
C	60 - 65

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Global Recognized Certification from IMRTC USA

**CERTIFICATE
OF EXCELLENCE**

IMRTC USA Recognized
CERTIFICATION



This is to Certify That
Mr. Danny Jones Wales
*has successfully met the certification requirements as outlined in
IMRTC content and the policies adopted thereunder, hereby grants the certification of*

Certified Plumber

Student ID: IM864532201

Date of Commencement: May 4, 2014

Date of Ending: July 4, 2014



Cheryyel Rhodes

Principal of Institute

Director Affiliations and Official Affairs

INTERNATIONAL MANAGEMENT RESEARCH & TECHNOLOGY CONSORTIUM
IMRTC - UNITED STATES OF AMERICA - <http://www.imrtc.org>

Chapter ID: AS2933770
Partnership ID: AS5588322_Pakistan
Verification@imrtc.org

Certificate of Authorization from IMRTC USA

**CERTIFICATE
OF AUTHORIZATION**

IMRTC USA Recognized

CERTIFICATE OF AUTHORIZATION



This is to Certify That IMRTC Authorized

3D EDUCATORS - TRAINERS & CONSULTANTS

*to work as Training & Research Partner in capacity of
PARTNER THROUGH PAKISTAN CHAPTER*

*for the scope of activity shown below in accordance with the applicable rules of
the IMRTC. The use of this certification and the authority granted by this
Certificate of Authorization are subject to the provision of agreement set
forth in the application.*

*The validity of this certificate is for Five Years from the date of Issuance
and will increase according to the performance*

Issuance Date: 16 May 2014

Cheryyel Rhodes

Director Affiliations and Official Affairs



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