

CATHODIC PROTECTION Certification Program (FOUNDATION & INTERMEDIATE LEVEL)



Cathodic protection is a method of reducing or eliminating the corrosion of metals by the application of an electric current. It is a technique that has been known for 160 years, and is extensively applied to offshore pipelines and tank farms, etc with great success. However, despite this long history and broad applicability, it is a technique that is all too often inadequately, or even improperly. Applied; with the result that structures are poorly protected or, worse, adversely interfered with.

This Program is ideally suited to following individuals who are:

- Operator, Testers, Technicians
- Already working class who are willing to update and learn the new methodologies of Cathodic Protection.
- Who want to be good and reputable jobs in the market and are like to enhance their skills in Cathodic Protection and Its Standards.

Program is offered by: 3D Educators – Trainers & Consultants

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3D EDUCATORS

Program Details

Inauguration

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

Program Structure

Number of classes in a week	Two Class Per Week
Duration of each class	2-Hour
Total Duration	30 Hours

Other Learning Activities:

Classroom Assignments	2
Presentations by Trainees	1

About the Program Instructor

The “Cathodic Protection” Program will be conducted by Certified Consultant and having the vast experience of training and consulting. They have worked with various large Government, National, and multinational organizations in local and abroad.

The Trainers who are conducting this program are have on the position of the following:

- ✓ Project Managers
- ✓ Implementers

They trainers are foreign qualified and having the certification of A.M.I (CORR) S.T – UK MEMBER N.A.C.E – USA.

As Consultant & Senior Trainers the team of trainers from Engineering side we **3D Educators – Trainers & Consultants** would not compromise on the faculty.

Program Syllabus

COURSE OUTLINE:

- ❖ Introduction To Corrosion
- ❖ Cathodic Protection – How It Works
- ❖ Soil & Soil Resistivity
- ❖ Criteria For Cathodic Protection
- ❖ Survey Methods And Evaluation Techniques
- ❖ Instrumentation
- ❖ Impressed Current Cathodic Protection
- ❖ Galvanic Anodes Cathodic Protection
- ❖ Cathodic Protection With Power Sources
- ❖ Construction Practices
- ❖ Maintenance Procedures
- ❖ List of Common test equipment

TERMS & CONDITIONS

WITHDRAWAL FROM THE CERTIFICATION

Students are not allowed to withdraw from the CERTIFICATION. If a student cannot continue 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 – 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 will be 60 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:

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

**FINAL CERTIFICATION SHALL BE AWARDED BY IMRTC (INTERNATIONAL
MANAGEMENT RESEARCH & TECHNOLOGY CONSORTIUM) – USA**

Students who are unable to appear for the final exam are 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.



3D EDUCATORS



ONLINE LIVE CLASSES FACILITY AVAILABLE

- Instructor Led Training
- Real Time Presentations
- 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.

PRECAUTIONARY MEASURES

- ✓ During Classes, you are requested to make sure that you are in isolated room, where no noise 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.

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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.



DISTANCE NOT MATTER

You can join in the live classes Sessions of **3D EDUCATORS – TRAINERS & CONSULTANTS** from anywhere of the world.

CONTACT US:

9221-34141329

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0333-2402474

0322-2083032

info@3deducators.com

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

(Get the Admission Form)

[Admission Form](#)

MANAGEMENT

3D EDUCATORS – TRAINERS & CONSULTANTS



FINAL CERTIFICATION AWARDED BY IMRTC – USA

SAMPLE CERTIFICATE

**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 OHSAS 180001 Lead Implementation

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
Address: 2 Amy Avenue, Edison NJ 08817 NEW JERSEY - United States of America

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

CERTIFICATE OF AUTHORIZATION

**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 Two Years from the date of Issuance
and will increase according to the performance
Issuance Date: 16 Aug 2015*

Cheryyel Rhodes



Director Affiliations and Official Affairs

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