Projacs
an egis company
بروجاكس للتدريب والتطوير
Projacs Training and Development

Building Rehabilitation and Repair Management

ادارة مشاريع الترميم واعادة التأهيل للمباني

16 – 20 June 2019

Dubai / United Arab Emirates

A Member of:
PROJACS ACADEMY

ProjacsAcademy.com

Objectives

The course aims to increase the knowledge and skill of the participant about the material used in rehabilitation and repair works specially for bearing wall system used in the old building. Also give the rules about how to design the repair works and make the bill of quantities. This course will develop the skill of the engineer in assessing the building and take the decision.

This course aims also to develop the skill of the participant in the field of managing the repair works and overcome the problems that happened in the field.

Who Should Attend?

This course is planned to meet the needs of all the structural consultants, site engineers, the supervision engineers and the site supervisor.

الأهداف

تم تصميم هذا البرنامج ليزيد من معرفة المهندس المشارك عن مواد الترميم واسلوب ترميم المبانى القديمة وخاصة المعتمدة على نظام الحوائط الحاملة والمبانى الاثرية وكيفية عمل مقايسة وحصر للاعمال الترميم بالاضافة الى كيفية اعداد الدراسة الخاصة بالترميم ومساعدة المهندس على اتخاذ القرار فى ترميم المبنى او هدمه واعادة بناءه بالاضافة الى كيفية مواجهة المشاكل وادارة الازمات التى تواجة اعمال الترميم.

الحضور

جميع المهندسين الاستشاريين و مهندسى التنفيذ والاشراف على التنفيذ سواء تخصص عمارة او مدنى والذين لهم صلة باعمال الترميم واعادة التأهيل واتخاذ القرارات الخاصة بالترميم او الهدم وكذلك المشرفين الفنيين.

Course Outline

Day One

- Types of retrofitting and repairing materials
- Selecting the suitable material for repair.
- Common faults in application of repairing materials
- The main function of the retrofitting and repairing materials
- Application of the repair material

Day Two

- The main features of the wall bearing system (mud and stone).
- How to simulate structurally the wall bearing systems?
- Main distress you can face in the skeleton structures.
- Assessing and examining the building.
- The various methods of repair of wall bearing systems.
- Repair and retrofitting of old buildings.
- Case studies

Day Three

- The main features of the skeleton type structures.
- How to simulate structurally the skeleton type structures?
- Main distress you can face in the skeleton structures.
- Assessing of the skeleton type structures.
- The various methods of repair of the skeleton type structures.
- Case studies

Day Four

- Bill of quantities of the repair works.
- Specification of the repair materials.
- Influence of the properties of the materials on the cost of the repair works.
- Influence of the repair techniques on the cost of the repair works.
- Case studies

Day Five

- How to carry out the study for the safety of the building?
- The guide lines to take the decision of repair.
- Types of risk in the repair works.
- How to face the risk in the repair works?
- How to manage the repair site?

Training Method

- Pre-assessment
- Live group instruction
- Use of real-world examples, case studies and exercises
- Interactive participation and discussion
- Power point presentation, LCD and flip chart
- Group activities and tests
- Each participant receives a binder containing a copy of the presentation
- slides and handouts
- Post-assessment

Program Support

This program is supported by interactive discussions, role-play, case studies and highlight the techniques available to the participants.

Schedule

The course agenda will be as follows:

- Technical Session 08.30-10.00 am
- Coffee Break 10.00-10.15 am
- Technical Session 10.15-12.15 noon
- Coffee Break 12.15-12.45 pm
- Technical Session 12.45-02.30 pm
- Course Ends 02.30 pm

Course Fees*

- **2,950USD**
  **VAT is Excluded If Applicable*