

Виртуальный практикум: Кирпичная кладка: Bricklaying

Виртуальный практикум

Демо-версия

Структура курса

Health and Safety in Construction and Associated Industries

Aims and Keywords

- Aims and Keywords: Health and Safety in Construction and Associated Industries

i-ACT: Roles, Responsibilities and Legislation Around Health and Safety

- Roles and Responsibilities
- Health and Safety Legislation
- Health and Safety
- Health and Safety Legislation
- Health and Safety Legislation

i-ACT: Dealing with Accidents and Illnesses

- Accidents and Illnesses — Descriptions and Symptoms
- Responding to Accidents and Illnesses
- How to Treat Minor Injuries, the Recovery Position and CPR
- Accidents and Illnesses — Descriptions and Symptoms
- Responding to Accidents
- Responding to Accidents

i-ACT: Reporting Accidents, Related Legislation and First Aid Requirements

- Reporting Accidents, Related Legislation and First Aid
- Reporting Accidents, Related Legislation and First Aid
- Reporting Accidents, Related Legislation and First Aid

i-ACT: Identifying Hazards in a Construction Environment

- Risk Assessment
- Hazards, Risks and Good Housekeeping Practice in a Construction Environment
- Conducting a Risk Assessment
- Risk Assessment
- Hazards, Risks and Good Housekeeping Practice
- Hazards, Risks and Good Housekeeping Practice

i-ACT: Health and Hygiene in a Construction Environment

- Hazards and Precautions That Should Be Taken
- Welfare and Hygiene
- Hazards, Health Risks and Hygiene
- Welfare Requirements
- Health and Hygiene in a Construction Environment

i-ACT: Safely Storing and Handling Construction Equipment and Materials

- Manual Handling Legislation, Procedure and Responsibilities
- Waste Disposal
- Storing Materials and Equipment
- Manual Handling Legislation, Procedure and Responsibilities
- Storage and Handling
- Safely Storing and Handling Construction Equipment and Materials

i-ACT: Access Equipment and Basic Working Platforms

- Access Equipment and Basic Working Platforms
- Access Equipment Safety Checks
- Access Equipment and Basic Working Platforms
- Access Equipment and Basic Working Platforms

i-ACT: Working Safely Around Electricity

- Electric Supply, Legislation and Safe Operation of Electrical Equipment
- Procedures in Installation, Inspection, Maintenance and Testing to Ensure Electrical Safety
- Ensuring Electrical Safety
- Electrical Safety
- Safe Isolation Procedure
- Ensuring Electrical Safety
- Electrical Safety

i-ACT: Purpose of Personal Protective Equipment (PPE) — Importance and Legislation

- Employer's and Employee's Responsibilities in Regards to PPE
- Different Types of PPE
- Different Types of PPE
- PPE at Work Regulations

i-ACT: Fire and Emergency Procedures

- Fire and Emergency Procedures
- Fire and Emergency Procedures
- Fire and Emergency Procedures

i-ACT: Signs, Symbols and Safety Notices

- COSHH Signs and Symbols
- Machinery Labels and Emergency Signs
- Signs and Safety Notices
- Signs and Safety Notices

Documents, Pricing and Communication in Construction and Associated Industries

Aims and Keywords

- Aims and Keywords: Documents, Pricing and Communication in Construction and Associated Industries

i-ACT: Interpreting and Completing Construction Documents

- Equipment, Understanding and Checks Needed in Order to Complete a Construction Drawing
- Construction Documents and Their Purposes
- How to Interpret Abbreviations Used in Construction Documents
- Construction Documents and Their Purposes
- Drawing Hatchings and Symbols
- Construction Documents and Their Purposes

i-ACT: Calculating and Pricing for Resources and Jobs

- Calculating Work Space and Resource Quantities
- Choosing Materials and Labour Rates
- Pricing Jobs
- Calculating Work Space and Resource Quantities
- Choosing Material, Labour Rates and Job Pricing
- Calculating and Pricing for Resources and Jobs

i-ACT: Communicating Within Construction Environment

- Communication Methods
- Effects of Communication

- Various Roles and Responsibilities Within Construction Environment
- Methods of Communication
- Roles and Responsibilities in the Construction Environment
- Communication, Equality and Personnel

Methods and Materials in Construction and Associated Industries

Aims and Keywords

- Aims and Keywords: Methods and Materials in Construction and Associated Industries

i-ACT: Fundamentals of Foundation Construction

- Foundation Purpose, Factors and Materials
- Foundation Types
- Foundation Purpose, Factors and Materials
- Foundation Types
- Fundamentals of Foundation Construction

i-ACT: Floor Construction Methods and Materials

- Floor Factors
- Floor Types and Materials
- Floor Construction Methods and Materials
- Floor Construction Methods and Materials

i-ACT: Wall Construction Methods and Materials

- Wall Materials
- Wall Types and Methods of Construction
- Wall Materials
- Wall Types and Methods of Construction
- Wall Construction Methods and Materials

i-ACT: Roof Construction Methods and Materials

- External Roof Features
- Roof Coverings
- Roof Types
- Identifying Roof Types and Coverings
- Roof Types and Coverings
- Roof Types and Coverings

i-ACT: Sustainable Construction, Energy Efficiency, Utilities and Services

- Sustainability and Energy Efficiency
- Utilities and Services
- Sustainability and Energy Efficiency
- Sustainability and Supply of Utilities

Setting Out Masonry Structures

Aims and Keywords

- Aims and Keywords: Setting Out Masonry Structures

i-ACT: Preparation and Resources for Setting Out Masonry Structures

- Setting Out Preparation
- Setting Out Resources
- Setting Out Preparation
- Preparation and Resources for Setting Out Masonry Structures
- Setting Out Resources

i-ACT: Setting Out Right Angled Shaped Masonry Structures on Level Ground

- Location, Dimension and Heights

- Creating Right Angles and Transferring Levels
- Setting Out Location, Dimensions, Heights, Creating Right Angles and Transferring Levels
- Setting Out Location, Dimensions, Heights, Creating Right Angles and Transferring Levels
- i-ACT: Solving Problems with Setting Out Masonry Structures**
 - Preventing Seeable Errors and Transferring Lines to the Foundation Concrete
 - Setting Out Wall and Trench Positions Using Profiles
 - Profile Boards
 - Good Practice for Setting Out Masonry Structures
 - Profile Boards
 - Good Practice for Setting Out Masonry Structures
- i-Practice: Transferring Levels from a Datum**
 - Transferring Levels from a Datum (Training) Практикум-тренинг.
 - Transferring Levels from a Datum Практикум-контроль.
- i-Practice: Making a 90 Degree Angle Using the 3:4:5 Method**
 - Making a 90 Degree Angle Using the 3:4:5 Method (Training) Практикум-тренинг.
 - Making a 90 Degree Angle Using the 3:4:5 Method Практикум-контроль.
- i-Practice: Making a 90 Degree Angle Using a Builder's Square**
 - Making a 90 Degree Angle Using a Builder's Square (Training) Практикум-тренинг.
 - Making a 90 Degree Angle Using a Builder's Square Практикум-контроль.
- i-Practice: Setting Out a Building, Excavating and Creating Foundations**
 - Setting Out a Building, Excavating and Creating Foundations (Training) Практикум-тренинг.
 - Setting Out a Building, Excavating and Creating Foundations Практикум-контроль.

Solid Walling Incorporating Isolated and Attached Piers

Aims and Keywords

- Aims and Keywords: Solid Walling Incorporating Isolated and Attached Piers

i-ACT: Construction of Solid Walling and Wall Jointing

- Types, Uses and Limitations of Jointing
- Methods and Techniques Used When Constructing Solid Walling
- Jointing Up a Wall
- Types of Jointing and Bonding in Solid Walling
- Construction of Solid Walling
- Solid Wall Jointing, Bonds and Construction
- Solid Walling

i-ACT: Construction of Isolated and Attached Piers

- Pier Bonds
- Mortar Mixing, Pier Types and Pier Construction Principles
- Pier Bonds and Mortar Mixing
- Reinforced Piers
- Construction of Isolated and Attached Piers

i-ACT: Arch Types and Construction Methods

- Important Measures Used to Create Brick Arches
- Arch Types and Construction Methods
- Important Measures Used to Create Brick Arches
- Arch Types and Construction Methods
- Brick Arches Measures, Types and Construction

i-ACT: Decorative Brick Courses

- Decorative Brick Courses
- Decorative Brick Courses

- Decorative Brick Courses, Mortar and Weatherproofing
- Decorative Brick Courses
- i-Practice: Building an English Bond Corner and Running an English Bond**
 - Building an English Bond Corner (Training) Практикум-тренинг.
 - Building an English Bond Corner Практикум-контроль.
 - Running an English Bond (Training) Практикум-тренинг.
 - Running an English Bond Практикум-контроль.
- i-Practice: Providing Support for an Arch**
 - Providing Support for an Arch (Training) Практикум-тренинг.
 - Providing Support for an Arch Практикум-контроль.
- i-Practice: Constructing a Rough Ring Arch**
 - Constructing a Rough Ring Arch (Training) Практикум-тренинг.
 - Constructing a Rough Ring Arch Практикум-контроль.

Cavity Walling Forming Masonry Structures

Aims and Keywords	Демо-версия
- Aims and Keywords: Cavity Walling Forming Masonry Structures	✓
i-ACT: Construction of Cavity Walling	Демо-версия
- Cavity Wall Insulation	✓
- Decorative Features and Vertical Movement Joints	✓
- Cavity Wall Construction, Decorative Features and Vertical Movement Joints	✓
- Cavity Wall Construction, Decorative Features and Vertical Movement Joints	✓
i-ACT: Cavity Wall Openings	Демо-версия
- Cavity Wall Openings	✓
- Cavity Wall Openings	✓
- Cavity Wall Openings	✓
i-Practice: Fixing Partial Fill Cavity Insulation	Демо-версия
- Fixing Partial Fill Cavity Insulation (Training) Практикум-тренинг.	✓
- Fixing Partial Fill Cavity Insulation Практикум-контроль.	✓

Masonry Cladding

- Aims and Keywords**
 - Aims and Keywords: Masonry Cladding
- i-ACT: Constructing Masonry Cladding for Use With Framed Buildings**
 - Constructing Masonry Cladding for Use With Framed Buildings
 - Locations and Methods of Cavity Tray Installation
 - Locations and Methods of Cavity Tray Installation

Thin Joint Masonry

- Aims and Keywords**
 - Aims and Keywords: Thin Joint Masonry
- i-ACT: Thin Joint Masonry Preparation**
 - Documentation and Methods Related to Thin Joint Masonry System
 - Thin Joint Masonry Tools
 - Thin Joint Masonry Preparation
 - Documentation and Methods Related to Thin Joint Masonry System
 - Thin Joint Masonry Preparation

i-АСТ: Construction of Thin Joint Masonry

- Thin Joint Bonding, Openings and Reinforcement
- Thin Joint Bonding, Openings and Reinforcement
- Understanding Thin Joint Masonry Construction
- Understanding Thin Joint Masonry Construction

i-Practice: Thin Joint Masonry

- Cutting Blocks, Mixing Thin Joint Mortar and Laying a Straight Course (Training) Практикум-тренинг.
- Cutting Blocks, Mixing Thin Joint Mortar and Laying a Straight Course Практикум-контроль.