

Introduction to DICOM

2 days

Overview

This course aims to teach staff how to plan, build, implement and support DICOM systems.

Who should attend?

All staff working on projects involving DICOM including system implementers, system architects and designers, consultants, senior radiographers and support engineers.

Prerequisites

PRE-COURSE WORK - possibly for the candidate to obtain a paper based copy of a DICOM files metadata. Plus indicators of the different DICOM Tags

Objectives

Delegates will gain the following skills and competencies:

- Understand basic principles of DICOM
- Choose services required for implementation
- Communicate with other implementers
- Interpret DICOM conformance statements
- Understand roles, limitations and common problems

Exam

Prepares delegates for the PARCA Certified PACS Interface Analyst (CPIA) exam. Please note that delegates should also attend Introduction to HL7 to prepare for this exam.

Further training

- Advanced DICOM
- Introduction to HL7
- Integrating the Healthcare Enterprise

Specific requirements

We understand that you may have specific requirements such as:

- Delivery of the course to a specific audience
- Tailoring of the course content
- Delivery of the course at a particular location
- Analysis of the training needs of your staff

Ideal Training wants you to be entirely satisfied with the services we offer and so we are always happy to discuss your needs in detail and to propose solutions.

Course content

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| <ul style="list-style-type: none"> • DICOM concepts and features • Structure of DICOM messages • Low level DICOM format • Query and retrieval services • Printing services • Structured reports • Image quality • Conformance statements | <ul style="list-style-type: none"> • Off-line media • DICOM and integration • Workflow • Worklist management • IHE • DICOM security • Current and future developments • Real life problems |
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For further information please contact the Ideal team on 01483 453508

