



The International Association of Computer Investigative Specialists

Preparing for Lab Accreditation Course Syllabus

I. Understanding accreditation Certification vs. Accreditation

- Certification vs. Accreditation
- Benefits of accreditation
- What standards must be met to earn accreditation

II. Understanding ISO 17025/17020

- Uniqueness of Digital Evidence

III. Accredited Bodies

- Supplemental Requirements

IV. Quality Management System

- How all the pieces fit together
 - Policies and Procedures
 - International Standards
 - Supplemental Requirements of Accreditation Bodies
 - Quality Manual Development
 - Technical Manual (i.e., SOPs defining Technical Methods)
 - Operations Manual (e.g., evidence management/equipment management)
 - Training Manual
 - Resources
 - People (Training, mentoring, and establishing technical competency)
 - Training Programs
 - Facility Design and Security
 - Forensic Hardware and Software
 - Performance measures
 - Internal Audits and Corrective Action
 - Training Evaluation
 - Outcomes of proficiency testing
 - Customer feedback

V. Small Lab Challenges

- Peer Review
- Job Responsibilities

VI. Validation\Verification

- Laboratory Methods
- Software
- Hardware