

## Set E: Quality Assurance

### **Core Tutorials**

**1. Quality Planning**

*Development of a Project Software Quality Plan*

**2. Requirements Review**

*Identify Test Scenarios and Create Test Plans and Test Cases*

**3. Full Spectrum Testing**

*Execute Tests during System Implementation Stage*

*Execute Tests during System Integration Stage*

*Execute Tests during System Functional Stage*

**4. Issue Tracking**

*Report on Testing Results*

### **Advanced Tutorials**

**5. Performance Testing**

*Conduct Verification of Nonfunctional Requirements*

**6. Automation**

*Continuously Regression Test*

**7. Measures and Metrics**

*Measure and Evaluate Test Results*

**8. Customer Relations**

*Act as a Customer Representative during System Construction and Deployment*

**9. Project Participation**

*Roles and Responsibilities during each Project Phase*