

DETAILED OUTLINE OF INSTRUCTION FOR ISO 9000 INSTRUCTOR-BASED TRAINING LESSON 4: ISO AND SOFTWARE DEVELOPMENT (ISO 9000-3)	Course Number:
	Module: 4
	Page 1 of 1
INSTRUCTOR NOTES	TRAINING MATERIALS AND SUGGESTIONS
ISO AND SOFTWARE DEVELOPMENT - ISO 9000-3	Slide #4-1
<p>ISO AND SOFTWARE DEVELOPMENT - ISO 9000-3</p> <p>Obtain a copy of ISO 9000-3 and become familiar with it.</p> <p>ISO Technical Committee 176 prepared ISO 9000-3, "Guidelines for the Application of ISO 9001 to the Development, Supply, and Maintenance of Software," in recognition that the process for development and maintenance of software is different from that of the general types of industrial products. ISO 9000-3 provides guidance on how to apply ISO 9001 to software development and is not a standard. Although ISO 9000-3 covers portions of ISO 9001, it does not parallel exactly. ISO 9000-3 is very helpful in the development of a quality system for software development; however, it is not a set of requirements.</p> <p>ISO 9000-3 consists of six major sections. The first three follow the format of all other ISO standards and guidelines: 1. Scope, 2. Normative References, and 3. Definitions. The remaining three sections have 22 sub-clauses, some of which do not correspond directly with the 20 clauses of ISO 9001. These remaining three sections are 4. Quality System – Framework, 5. Quality System - Life-cycle Activities, and 6. Quality System – Supporting Activities. In the Introduction to ISO 9000-3, the following is stated:</p> <p style="padding-left: 40px;">"In certain cases of two-party contracts, these guidelines might not be applicable even if 'tailored'. It is therefore important to determine the adequacy of the application of ANSI/ISO/ASQC Q9000-3-1991 to the contract."</p> <p>ISO 9000-3 provides several clarifications of terms as they apply to software.</p> <p>Annex A to ISO 9000-3 is a cross-reference between 9001 and 9000-3.</p> <p>An excellent reference for studying ISO 9000-3 is <i>ISO 9000 for Software Developers</i> by Charles H. Schmauch.</p>	Slide #4-2