



# ISO 9000

## Lesson 4 ISO and Software Development (ISO 9000-3)

Prepared for NASA  
by OPM and BDM Federal, Inc.

August 1997

**Student Notes:**

## ISO and Software Development (ISO 9000-3)



- **Recognizes Development and Maintenance of Software Are Different from General Industrial Processes**
- **Six Major Sections**
  - Scope
  - References
  - Definitions
  - Quality System: Framework
  - Quality System: Life-cycle Activities
  - Quality System: Supporting Activities
- **ISO 9000-3 is Set of Guidelines - Not Requirements**



### Student Notes:

Although software is a product, it is recognized that the development and maintenance of it do not parallel the activities engaged in the typical manufactured product. Therefore, ISO 9000-3 was written to give special guidance on the application of ISO 9001 to software. However, the supplier does not register to ISO 9000-3. Registration is to ISO 9001. ISO 9000-3 is a set of guidelines that describe the activities of software development; if followed, they should satisfy ISO 9001.