

# SyncSort

CDT420

SyncSort is both a sort utility and an excellent tool to select only the records and fields needed for a processing run. This course teaches the student how to use SyncSort to maximize the efficiency of the programmer and the processor and reduce the need to write custom programs.

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## Audience

- Programmer trainees
- Application programmers
- Operations Staff

## Prerequisites

- Knowledge of TSO/ISPF
- Knowledge of JCL
- Access to SyncSort

## Course Length

- Two Days
- Three Days (if optional topics are included)\*

## Learning Objectives

- Complete the following programming tasks without custom programming: extracts, reformatting, totaling, sorting and merging
- Call SyncSort from application programs (Optional)\*
- Call application programs from SyncSort (Optional)\*

## Teaching Methods

- Lecture, Discussion, Lab Exercises

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## Course Outline

QD0

### Basic Sort Instructions

- SORT
- INCLUDE
- OMIT
- INREC
- OUTREC
- SUM and XSUM

### Additional Sort Instructions

- SKIPREC
- STOPAFT
- EDIT
- HEX
- Bit-level INCLUDE/OMIT
- OUTFIL
- Merge
- XSUM

### Programming Interface (Optional)\*

- Sort Exits: Calling a subroutine from SyncSort\*
- MODS: E15, E35, etc.\*
- Calling SyncSort from a program\*

\***Programming Interface** is optional. Programming experience or training is required. Programming can be done in COBOL and/or Assembler per client request.