
Advanced Assembler Language Coding Workshop

Duración: 5 Días **Código del Curso: ES35G**

Temario:

This course provides instruction and practice in the use of the more complex S/390 Assembler Language facilities for the experienced assembler language programmer. The course includes a discussion of standard linkage conventions, use of BSAM/QSAM and selected system macros, the macro definition language, and reentrant coding considerations. Emphasis is placed on enhancing skills in problem resolution through analysis of more complex system-provided dumps.

Dirigido a:

This advanced course is designed for application programmers and beginning system programmers who code, maintain, and debug application support programs or subroutines written in S/390 assembler language.

Objetivos:

- Identify data management considerations and access methods
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 - Code assembler language programs which:
 - Conform to standard linkage conventions using save area chaining
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 - Define and use BSAM/QSAM datasets through standard I/O macros
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 - Define and execute user macros which contain:
 - Positional and/or keyword parameters
 -
 - Fixed or variable entry parameter lists
 -
 - Conditional assembly logic
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 - Use variable length storage operations (that is, EX, MVCL, and so on)
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 - Employ more complex instructions (that is, TR, TRT, BXLE, and so on)
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 - Access JCL parameter data
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 - Employ LE date/time handling services
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 - Identify reentrant coding considerations and dynamic storage acquisition
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Prerequisites:

Prior to attending this course, you should be able to code and debug simple S/390 assembler language programs.

■ (00:15) Class wrap-up

- (01:00) Unit 1: Review
- (00:15) Unit 2: Assembler instructions
- (01:45) Unit 3: Linkage
- (01:30) Unit 4: LE date/time handling
- (02:30) Exercise 1: PARM handling and search
- Day 2
- (03:00) Unit 5: Access methods: BSAM/QSAM
- (03:00) Exercise 2: File handling
- Day 3
- (00:30) Unit 6: Assembler compile-time options
- (00:30) Unit 7: SNAP dumps
- (03:30) Unit 8: Macros and the Conditional Assembly Language
- (02:30) Exercise 3: Macro modification
- Day 4
- (01:15) Unit 9: Miscellaneous instructions
- (00:25) Unit 10: Floating point data
- (00:25) Unit 11: Reentrant coding
- (00:15) Class wrap-up

- (00:15) Welcome
- (00:15) Lab review
- (00:15) Lab review
- (00:25) Lab review

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Más información:

Para más información o para reservar tu plaza llámanos al (34) 91 425 06 60

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