



COURSE : Advanced Software Development - (M070)

OBJECTIVE :

- Designed for AS/400 programmers and analysts who demand and drive for advanced design and programming techniques.

PREREQUISITE :

- Having attended the RPG/400 and Cobol/400 programming courses
- Having programming experience in the AS/400 computing environment

AUDIENCE :

- AS/400 experienced programmers and analysts

WHAT YOU WILL LEARN :

- Utilising system resources efficiently
- Programming for recovery techniques
- Understanding special file handling methods

METHOD :

- Hands-on oriented training with one workstation for each participant.
- Participants to design, write and debug programs in this workshop.
- Lecturer-assisted and use of computer-generated slides for presentation.
- Training materials that include notes with key points and graphics layout.

DURATION : 3 days (approximately 21 hours)

COURSE CONTENT :

Module 1: Program Efficiency

- Job Executive & Program Access Group (PAG)
- Sub Programs
- File Sharing

- HLL Coding Tips & Techniques

Module 2: Screen Design

- User Interface
- Design Elements
- Application Considerations
- Formatting Coding

Module 3: Designing For Recovery

- Commitment Control Facility
- Capturing Information
- Program Logic
- Record Locks

Module 4: Design Techniques

- Data Areas
- Asynchronous Task
- Group Job

Module 5: Special File Handling

- Subfiles
- Printer Device Files
- File Overrides
- Open Query Files