

The System *i* Bootcamp



The *i*specialist.com

The aim of this course is to deliver an intense general knowledge of the System I (As/400, i5, iSeries), taking the delegate from beginner to administrator level via a high degree of operations knowledge. This course will require a degree of stamina from the delegate. The education day is from 8am to 6pm (Except day 1 which starts at 9:30am), with a lot to cover each day. The course is aimed at the beginner to System i, however, an aptitude for I.T. is desired. Whilst highly targeted for an operational environment a developer would still benefit immensely from this course as relevant DB2 optimisation techniques are delivered.

The goal to take the delegate from 'zero to hero' in five days is played out by practical examples and relevant, logical course delivery. The course is highly tailored to the target audience and is adaptable to the delegate as necessary. The pace may well be fast, however, delegates are monitored to ensure an understanding.

This course is not for the faint hearted, it is for the brave hearted and delegates who really want to get the best from the System i. Motivated individuals would get the best from this course.

DAY 1 - At end of day 1 you will have an understanding of the System i also of quickly getting to know the System i you are working on by identifying the relevant resources. Know how/where to look for that illusive command. Create various objects, Understand basic object security, configure TCP/IP, use FTP to back up your System i objects to your own PC, using an application YOU have written, then block that FTP port from being used unless you un-block it. That's just day one !

- Quick History
- Concepts
- Get started
- Basic security
- Operating System Commands
- Getting to know the System i
- CL Programming a practical result
- Overview of System Facilities

Day 2 - At the end of Day 2 you will understand work management from a System i perspective. You will have created your own subsystem with multiple job queues and created your own end of day process then improved it by using parallel job queues. You will have produced printed output to your output queue in your own library which you controlled. Created your own Menu. Understand Message files and use your own messages. Practical introduction to Query/400.

- Operations Overview
- Basic Work Management
- Create end of day environment
- Query/400
- More CL Programming
- Create Menus
- CL Programming a practical result
- Advanced operations

Day 3 - At the end of Day 3 you will understand creating DB2 relational database files and populating them with an Introduction to SQL. You will understand the System i Job Scheduler. Manage spooled output including viewing on the PC via iNav and how to best send them via e-mail. You will be introduced to RPG to use as a tool to help you develop operations utilities, just a few lines does it!

- Create DB2 relational database & populate it
- Advanced Query/400
- Basic RPG IV Programming (Just a taster)
- Basic iNav
- SQL and Optimisation
- Advanced Work Management
- Advanced CL Programming
- System Management and Administration

DAY 4 - At the end of Day 4 you will understand PTFs and plan to manage them. SST & DST why and how to use. OS Upgrades, why and how. Restoring the system after a system failure. The concept of the HMC. How to plan OS Upgrades. LPAR Concepts and benefits. The IPL Process and finally create a basic website of your own on the iSeries and how to start & stop it e.t.c.

- System Service Tools
- PTFs Advanced overview
- Operating System upgrades
- The HMC discussion and overview
- LPAR Concepts
- IPL Steps
- Save Restore
- The HTTP Server

DAY 5 - At the end of Day 5 you will understand how to allocate the necessary resources such as memory. Understand the performance Adjuster. Performance tools. Advanced tuning methods and analysis. Discuss iDoctor. PEX. Review of the whole course.

- Performance Overview
- Performance adjust
- Performance tools
- SQL Analysis
- iDoctor Primer
- Green screen PEX
- Course Review
- Resources

Course ID : **SIB001**

Duration : **5 Days**

Maximum Delegates : **10**

Course Price : **£2400+ V.A.T.** Per delegate, price includes accommodation Monday to Thursday inclusive, including breakfast and dinner along with buffet lunch each day. Refreshments served throughout the education day.

To enquire : E-mail admin@TheiSpecialist.com - Telephone : 070 92018488 – Online : www.TheiSpecialist.com

Courses are held throughout the U.K, or at your own premises at request