



GENBAND C3/8000 Courses

GB710 – System Overview (Computer Based Training (CBT))

This Computer-Based Training (CBT) is required as a pre-requisite to all C3/8000 training courses. The CBT is intended as an overview to the C3/8000 product line, architecture, features, capabilities and physical equipment for the C3/8000 in both Class 4 and Class 5 offices. After completion of the CBT, a final test is presented. The user must achieve an 85% score or better to achieve a passing grade and credit for completing this course. The user must have a passing grade to enroll in any other C3/8000 courses.

GB715 – Operation, Administration and Maintenance

The 5-day GB715 Course is geared toward Service Personnel, Administrators and Maintenance personnel who require an understanding of the C3/8000 system. This application is used to make database service changes on the M6 system. The student is equipped with an understanding of hardware, Operating System as well as software and database for the DSS system. Students are required to apply skills and knowledge acquired in the course to complete an extensive and comprehensive set of hands on activities. The student will be expected to:

- Identify DSS components and define operational roles
- Understand hardware and software interactions
- Discuss architecture and redundancy
- Describe operational and maintenance operations
- Discuss system security
- Discuss Billing management

Topics include:

- Overview of the Element Management System (EMS) Graphical User Interface (GUI) system hardware and software on the C3 controller and the 8000 gateway
- System Administration and applications
- Events and Alarms
- Security
- Performance Management
- Accounting Management
- System Status reporting tools

Audience

- Anyone requiring a basic understanding of the operations, administration and maintenance of the C3/8000 system.

Prerequisites

- Completed GB710 System Overview course
- Basic understanding of switching and networks

GB730 – Translations, Configuration and Provisioning

The 8-day GB730 course provides instructions and hands-on exercises that challenge students with translations experience to input, verify and troubleshoot a variety of Class 4 and 5



translations configurations for the DSS. The student is equipped with an understanding of Configuration database, Line Translation, Trunk Routing and Trunk Translations, SS7 Groups as well as AIN setup. Students are required to apply skills and knowledge acquired in the course to complete a very extensive and comprehensive set of hands on activities. The students will be expected to:

- Create Configuration database for a variety of interface components.
- Identify Basic Translations Concepts and tools
- Create Subscriber Line Attributes, Functions and Flows
- Create a Physical facilities
- Create Digital connections
- Create Toll Free List
- Create Signaling Gateways for SS7 signaling
- Implement Local/Call Area and Class of Service Screening, including Digit Analysis, Call Treatments and Selector Identification
- Create Trunk Groups
- Identify Trunk Group Attributes, Functions and Flows
- Implement Routing

Topics include:

- Configuration Database
- Trunk Database
- Subscriber Database
- Overview Call Procession
- Translations related data
- Digit Translations
- Digit Maps
- Call screening
- Country Code Translations
- Origination Based Routing
- CIC Routing
- Time-of-Day Routing
- Final Routing
- Call treatments
- Signaling Gateways
- VoIP
- Advanced Intelligent Networks
- Trace management

Audience

- For personnel implementing and troubleshooting both Trunk translations and line translations

Prerequisites

- Completed GB710 System Overview course
- Completed GB715 OAM course
- Understanding of Translations, Numbering Plans, Trunking and Switching



Standard Pricing

The following prices are the standard prices for the courses included in this catalog. Special courses can be provided for an additional course development fee. Please contact training@genband.com for more information.

Course No.	Course Title	Days	Standard Price
C3/8000 Distributed Switching Solution Courses			
GB710	System Overview (CBT)	-	\$295/CD
GB715	Operation, Administration and Maintenance	5	\$3000/student
GB730	Translations, Configuration and Provisioning	8	\$4800/student

All of the above standard prices are based on presenting the course at one of the GENBAND training facilities. An on-site instructor fee would be added should the customer want on-site training. The on-site instructor fee for North America sites is \$7500, and \$11,500 for International sites.