

Course Title:	JungleMUX – Hands-on Training
Location:	Customer site <u>within</u> Canada or USA
Course Contents and Duration:	<p><u>Full Course</u> (3.5 to 4 days, 7 hours/day, see Note 2)</p> <ul style="list-style-type: none">▪ SONET 101 Overview▪ Product Structure▪ Description, operation and configuration of common equipment as relevant to customer's system▪ Description, operation and configuration of interface units as relevant to customer's system▪ Explanation of Node Assignment Drawings▪ Interpretation of Alarms▪ System Maintenance and Troubleshooting▪ Hands-on exercises <p><u>Topic-Specific Courses:</u></p> <ul style="list-style-type: none">• VistaNET NMS Software (½ day)• OC-48, OC-12 or New OC-3 Unit (1 day)• Ether-1000 or Ether-100 Unit (½ day)• Video Units (½ day)• CDAX Unit (½ day) <p>The above topic-specific courses may be combined in one course. Also see Notes 1 and 2.</p>
Prerequisites:	<p><u>Full Course:</u> Basic Electronic Theory, Fiber Optic Transmission Principles, Digital Transmission Theory, System Testing and Measurement, "SONET 101 for JungleMUX Users" Self-Paced Course (the workbook is emailed as soon as the course is scheduled)</p> <p><u>Topic-Specific Courses:</u> Completion of a full 3.5/4-day JungleMUX course.</p>
Date:	Proposed by customer. The course usually starts on a Tuesday but it may start on a Monday if requested by the instructor at the time the course is scheduled. The customer is required to fill out the training request form available on the JungleMUX Training Web page.
Language:	English
JungleMUX Equipment:	JungleMUX nodes are required in the classroom for all courses offered. If the customer cannot provide them, Demo nodes can be requested from GE free of charge. These arrangements must be made at least two months in advance.

Training material: Training manuals provided either in hardcopy or softcopy (PDF) format as preferred by the customer.

Number of students: 6 (For additional students, to a maximum of 9, additional charges apply. See table below.)

Cost:

Course Type	Duration (days)	Price (US\$) for class with ≤ 6 students*	Fee (US\$) <u>per each additional student</u> (to a maximum of 9)*
Full	3.5-4	\$9,800	\$1,095
Topic Specific	1	\$5,800	\$310
	1.5	\$6,600	\$465
	2	\$7,400	\$620
	2.5	\$8,200	\$775
	3	\$9,000	\$930

* All applicable taxes and duties are extra.

Equipment provided by customer:

Description	Quantity
JungleMUX Nodes (<u>powered up in the training room</u>)	Minimum: 2 Recommended: 3-5
Patchcords with LC connectors (FC connectors for legacy OC-1 and OC-3 units)	2 per node
Multimedia LCD Projector with a minimum resolution of 1024x728 pixels (connects to instructor's laptop), screen, white board (or paper board), set of markers, power strip, extension cords (as needed)	1 of each
Laptop Computer (Windows XP, COM port)	3 (see Note 3)
Video Sources (Cameras, VCRs, DVDs)	2 (if applicable to the customer's system)
TV set (or monitor with composite video input)	1 (if applicable to the customer's system)

Note 1: A minimum of 1 day of training must be ordered.

Note 2: The actual duration of the course will be determined based on the number of different types of units used in your system. If you are interested in Camera Cameleon™ training, please contact 360 Surveillance / ICXT at (250) 388-7232.

Note 3: Some USB-to-COM port adapters cannot properly work with VistaNET software! (GE recommends use of Keyspan P/N USA-19HS for reliable operation. See <http://www.tripplite.com/en/products/model.cfm?txtModelID=3914>.)