

Course Title:	JungleMUX – Hands-on Training
Location:	Customer site <u>within</u> Canada or USA
Course Contents and Duration:	<p><u>Full Course</u> (4 to 5 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)• CDAX Unit (½ day)• CS Service 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 4/4.5/5-day JungleMUX course.</p>
Date:	Proposed by customer. The full course usually starts on a Monday. The customer is required to fill out the JungleMUX Training Request Form available on http://www.gedigitalenergy.com/communications/Training/Lentronics.asp .
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 provided by GE at no additional charge.

Training material: Training manuals are 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	4-5	\$12,430	\$1,365
Topic Specific	1	\$6,490	\$340
	1.5	\$7,480	\$510
	2	\$8,470	\$680
	2.5	\$9,460	\$850
	3	\$10,450	\$1,020

* All applicable taxes and duties are extra.

Equipment provided by customer:

Description	Quantity
JungleMUX Nodes (powered up in the training room). See Note 4.	Minimum 3
Patchcords with LC connectors (FC connectors for legacy OC-1 and OC-3 units). See Note 4.	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 7, COM port)	3 (see Note 3)

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.

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/sku/USA19HS>.)

Note 4: Not applicable if demo nodes are provided by GE.