

OTT CONE Certified Optical Network Engineer

Course category: Advanced

Course duration: 5 days

Pre-requisites: CONA Certification

Who should attend? Anyone deploying advanced communication networks of 100Gb/s and above. Typical roles include network designers, planners, network engineers & managers, strategic network managers.

Cost:	Open enrollment:	U.S. Mainland	\$ 3,450 / student
		Hawaii	\$ 3,850 / student

Dedicated onsite courses are also available on request. Call for quote.

About the course...

Learn how you can meet the fast evolving challenges of increasing capacity, reach and flexibility, controlling latency, migrating to open/ interoperable systems and providing quality of service. All of this while keeping costs under control and reducing power consumption.

Learn how the combination of coherent transmission and digital signal processing has transformed optical communications at the higher data rates of 100 – 800Gb/s; and about the changes necessary to DWDM systems for operating efficiently at data rates of 400Gb/s and above.

Understand how a mix of optical and electronic technologies is used to overcome limitations; and the role of SDN and its implications for facilitating open systems (line systems, ROADMs, & white box solutions).

Appreciate the fundamental limitations that apply and the trade-offs and compromises necessary – so that you can make strategic about the long term plans for your network.

Network applications covered include high-speed data centers, data center interconnects (DCI), short and long haul telecom and submarine systems.

IEEE educational credits are available for an additional fee.

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