TELECOMMUNICATIONS
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T·C·O

Teracom Training Institute
Best of breed: telecommunications training - since 1992

PO Box 3376
Champlain, New York USA

LETTER OF REFERENCE – LETTER OF INTRODUCTION

Name of Candidate: Mike Chase

Name of Certification: Certified Telecommunications Network Specialist

Date of Certification: May 11, 2013

To all to whom this letter may come, greetings.

As Director of Teracom Training Institute, it is my pleasure to provide this letter of reference for the above-named candidate, describing the scope and content of the certification obtained.

The TCO Certified Telecommunications Network Specialist (CTNS) designation is awarded to an individual that successfully completes a set of six online courses and their exams. In total, the candidate must take 66 lessons in the six courses and achieve a score of 70% or better on a rigorous 60-question exam.

The CTNS certification was developed by Teracom Training Institute in partnership with the Telecommunications Certification Organization. It provides a solid foundation of structured knowledge spanning telecom, datacom and networking from traditional telephony through cellular to IP and MPLS networking, understanding the fundamentals, technologies, jargon and buzzwords, and most importantly, the underlying ideas and how it all fits together.
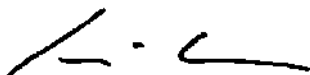
This is essential core knowledge for the telecommunications and networking business, tuned, refined and constantly updated. Thousands of people from AT&T, Verizon, Cisco, Qualcomm, Intel and Microsoft, the CIA, FBI, NSA, IRS and FAA, all branches of US Armed Forces, Bell Canada, TELUS, Qwest, Bank of America, the Hartford and hundreds of other carriers, manufacturers and customers have taken this training over the past 20 years.

The list of courses and topic areas covered by this certification is provided on the following page. I can certify that anyone taking these courses and passing this certification exam has a vendor-independent breadth of knowledge spanning telecom and networks, from POTS to cellular, the OSI model, LANs and MAC frames, IP packets and addresses, carrier networks, and MPLS – with a depth of knowledge from fundamentals to current best practices.

With suitable complementary skills meeting particular job requirements, the candidate with this knowledge set can be recommended as a valuable asset to any organization in positions such as systems analyst, planner, designer, software developer, business analyst, management, telecom specialist, sales and marketing.

Please review the outline of subject areas and additional resources on the next page. If there is any additional assistance that can be provided, please do not hesitate to contact me.

Yours truly,

Eric Coll, M.Eng., P.Eng.
Director, Teracom Training Institute
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Certified Telecommunications Network Specialist (CTNS) Certification

Subject areas by Course

1. POTS and The PSTN
2. Wireless Telecommunications
3. The OSI Layers and Protocol Stacks
4. Ethernet, LANs and VLANs
5. IP Networks, Routers and Addresses
6. MPLS and Carrier Networks

Detailed outline of topics

A detailed list of the topics covered by the CTNS Certification is contained in the brochure "Teracom Training Institute Certified Telecommunications Network Specialist (CTNS) Certification Package": teracomtraining.com/pdfs/teracom-brochure-ctns.pdf

Verification

Potential employers may contact Teracom Training Institute, who administered the CTNS certification exam, to verify the authenticity of any certificate by contacting customerservice@teracomtraining.com.

More information

Visit www.teracomtraining.com for more information on Teracom training courses and the myTeracom Learning Management System that hosts the certification exams.

teracomtraining.com/online-courses-certification/teracom-overview-ctns.htm is the main web page describing this certification.

Visit www.certify-tco.org to learn more about the Telecommunications Certification Organization and TCO certifications.