

COURSES AVAILABLE

NOISE ON TELECOM SYSTEMS – INVESTIGATION & MITIGATION

This course covers sources of noise on telecom systems (with an emphasis on power line interference), investigation techniques and solutions. The content is aimed primarily at telecom repair personnel, but may also be of interest to telecom and power company engineers and management.



GROUNDING & PROTECTION FOR TELECOM SYSTEMS

Training covers the essentials of protecting communication systems from damage due to lightning and power surges. Topics covered include: correct grounding and ground wiring techniques and different types of telecom protective devices.

PROTECTION OF TELECOM SYSTEMS IN HIGH VOLTAGE ENVIRONMENTS

High voltage interfaces (HVIs) are needed for the protection of telecom facilities entering power substations, generating plants and high voltage towers. This course covers the phenomena of ground potential rise and zone of influence encountered at such locations, and the design and installation of HVIs.

WHY HIRE JACOBSON ENGINEERING SERVICES?

REAL WORLD EXPERIENCE

Kevin Jacobson has more than 15 years' experience working for or providing consulting services for companies such as Nortel Networks, MTS, Manitoba Hydro, TELUS Communications, Stentor, TELUS Mobility and Expertech. He has many years of design and troubleshooting experience, working on-site with telecom and power company technicians and engineers. He has an extensive knowledge of both power and telecom systems, both theoretical and real-world.

EXPERIENCE TRAINING TELECOM & POWER COMPANY PERSONNEL

Kevin Jacobson has prepared and delivered training courses, seminars and talks at TELUS Communications, ENMAX, TransAlta, AltaLink, Fortis (formerly Aquila Networks Canada), Protection Engineers Group (US), Canadian Protection Engineers Group and other technical interest groups.



ELECTRICAL ENGINEERING EDUCATION

Kevin Jacobson holds a B.Sc. in Electrical Engineering from the University of Manitoba, and an M.Sc. in Electrical Engineering from the University of Alberta. He is a member of the Association of Professional Engineers, Geologists and Geophysicists of Alberta (APEGGA).



COMPETITIVE PRICING

Course fees are on par with or lower than those of many other training institutions.

FLEXIBILITY

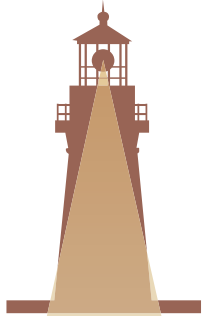
Courses can be tailored for a specific customer's needs. Training can be targeted for technicians, engineers or management, telecom or power company personnel.

JACOBSON ENGINEERING SERVICES

780-983-1855

info@jacobsonengineering.ca

www.jacobsonengineering.ca



Jacobson Engineering Services specializes in electrical interference, damage, and electrical protection of telecommunication systems. We provide consulting services, design solutions and training to telecom companies and power companies.

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Edmonton, Alberta
Canada

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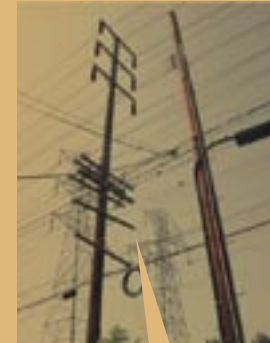
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The principal of Jacobson Engineering Services is Kevin Jacobson, M.Sc., P.Eng. He has been a practicing engineer for more than 15 years, and is a member of the Association of Professional Engineers, Geologists and Geophysicists of Alberta (APEGGA). Members of APEGGA adhere to the highest standards of ethics and professionalism in engineering practice.

www.apegga.com



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Training Solutions for
Telecom and Power
Company Technicians