The following glossary is a list of terms commonly used in the trade in Alberta and elsewhere in Canada. Individuals preparing for examinations should be familiar with these terms and how they are used in the context of the trade.

Acceptable high frequency
Alpha current relationship
AMI
Amplitude
Amplitude modulation
Asynchronous
Attenuation
Attenuation
Back EMF
Bandwidth
Bandwidth budget
Base bias
Base driven amplifiers
Baud rate
Beta current relationship
Binary number system
Bipolar
B-ISDN
Blocking (damming)
Bonding
Boolean algebra
Breakdown voltage
Buffering
Build out capacitors
Cable pressurization
CAN's
Capacitive reactances
Capacitors
Cartesian coordinates
Cel-peth
Cel-seal
Characteristic Impedance
Chokes
CLEC's
Clocked S-R circuits
Clocking
Coaxial
Coil spacing
Collector feedback bias
Communications protocol
Conductance
Convertor
Coulomb
D flip flops

Data trapping
Dead zone
Decay
Diamagnetic
Dielectric
Diode clipper
Diode curve
Duty cycle
Dynamic resistance
Echo return loss
Elastic buffering
Electrolytic
Electromagnetic spectra
Emitter bias
Emitter driven amplifiers
Encoding signals
Exponential function
Fall time
Fault tolerance
Ferromagnetic
Field Effect Transistor (FET)
FO certification tests
Forward bias
Fourier analysis
Frequency domain
Frequency domain
    characteristics
Frequency spectrum
Frequency synthesis
Fresnel reflection
Harmonic analysis
Harmonic nulling factor
Hexadecimal number system
Hybrid loss
ILEC's
Impedance
Impedance mismatches
Inductance
Inductive reactance
Insertion loss
Interconnecting
Invertor
ISO/IEC cable tests
IXC's

J-K flip flops
Karnaugh mapping
Klystron
Kirchhoff's Laws
LAN's
LATA's
Leading edge
Leakage current
Loading schemes
Loss budget
Lower cut-off frequency
    circuits
Manchester code
Mark length
Mark/space ratio
Modem protocols
MSDS
MUDD
Multi-drop configuration
Multiplexing
Multiplexing
Nand gate S-R circuits
NAND gates
Natural logarithm
Network interface device
    (NID)
NTSC
Numerical aperture
Nyquist Theore
Octal number system
Ohm's Law
Oscillator
OTDR testing
PABX
PAL
Paramagnetic
Pasp
PBX
PCM cables
PCN
Peak inverse voltage
Phase
Phasor
Pic alpeth

Pic F
Pic pap
Pic S
Plesiochronous digital
    hierarchy
PN Junction
Point-to-point
    communications
Polar coordinates
Polarization
POP's
Precipitation static
Pressure (flash) testing
Propagation
Propagation constant
Pulse amplitude
Pulse duration
Pulse repetition frequency
Pulse repetition rate
Pulse width
Pulses per second
Punch-down block
Quantizing
Quantization noise
Radiation resistance
Reactance
Rectifier diode
Resistance
Resistors
Resonance
Resonant lines
Return loss
Return loss concepts
Reverse bias
Reverse resistance
Rise time
Saturation voltage
ScTP characteristics
Self-inductance
Semiconductor
Semiconductors
Shannon's Communication
    Theory

Sine wave
Singing
Sinusoidal
Shield bonding
Snell's Law
SONET
Space width
Spark gap
Spark gap protection
Square wave distortion
Stal-cel
Stalpeth
Standing Waves
STP characteristics
Super position theorem
Synchronization
Synchronous
Synchronous digital
    hierarchy
TDM multiplexers
Telephony
Thevenin's theorem
TIA/EIA-606 standard
Tilt
Time division multiplexing
    (TDM)
Time domain characteristics
Time period
Trailing edge
Trans-hybrid loss
Transient current flow
Unipolar
Upper cut-off frequency
UTP characteristics
Vestigial sideband
WAN's
Wave shape
Wave shaping
Wien bridge
Zener diodes