**Ken Zeleschuk, MBA, PTech, AScT, RTMgr, PID**

School of Construction & the Environment Dept of Civil Engineering

Credentials:

MBA, Royal Roads University; Dipl.T. Civil & Structural Engineering; Engineering Technologist, Professional Technologist, ASTTBC member & Council Director, Provincial Instructor credential.

Work Background:

Taught civil/municipal topics including Municipal Plan Reading, Public Works, Public Relations, Asset Management, Civil Project Estimating, Road Maintenance, Construction Contracts… in class & in field.

Taught hands-on tutorials and research testing of stress-strain on wood, steel, reinf. concrete, masonry, rammed earth – comp, tens, flexure, shear, buckling; materials testing of soils, asphalt, concrete, plastics; hydraulics/fluid dynamics experiments..

Oversight, leadership and facilitation of Structural Testing facility for civil engineering program, research and industry projects – project planning, procurement, design, and execution. Student-industry competitions – ACI conc. bowling ball, Troitsky Popsicle bridge, Trebuche design & construction.

Project management in construction materials test programs, field inspection verification, building science, MSR, I-hoist, glue-lam, LVL, finger-joint plant certifications, research testing, instrumentation, full-scale structural test programs – wind driven rain, envelope leakage, round-robin tests, ASTM, CSA Standards. Technical report writing, contract administration, operations, budgets, procurement, supervisory skills, business development, client management…

Applicable experience:

Instruction in Computer Applications, Autocad, Road Design, Subdivision Planning, Hydraulics, Fluid Mechanics, Statics, Mechanics of Materials…

Business administration, operations and leadership for Civil Engineering PTS, Distance Education/Online, operations, budgeting, financials, forecasting, resource-planning, staffing, MOTI Bridge Inspection program.

Part-time instructor for various Public Works and Municipal-related courses.

Distance instructor for MOTI Area Road Manager program, Contract Administration, Engineering Economics, Subdivision Planning/Design, Graphical Communications.

Academic Coordinator for Civil Engineering, Part-times Studies