



KNOWLEDGE BASE LEARNING SERVICES LTD.

Knowledge Base Learning Services Ltd. is a technical training solution provider in the private sector delivering short courses, seminars in specialized educational topics related to engineering sciences, applied sciences and technology. We provide you with step-by-step, practical and affordable educational solutions in traditional printed formats for individuals seeking additional knowledge in specific fields of interest.

Courses by Correspondence - Training Solutions designed to meet the professional and technical needs of technicians, technologists, and individuals offering technical services to the Canadian industry. We offer proven, easy-to-read, easy-to-learn and understand, **inexpensive** flexible distance learning and self-study-courses so you can learn at your own pace in the convenience of your own home. Our courses will also help you if you have to write a technical examination with another organization for certification or upgrades**. Our correspondence courses can help prepare you to get ahead in your existing career or 'brush-up' on technical studies you have taken in the past. Our courses are a great first step if you are interested in additional education but are looking for an option that will not require the same time commitment that an on-site study program often requires.

Seminars and Weekend Classes - In support of our correspondence courses, we also offer instructor lead one-day seminars in Toronto and Brampton areas on weekends, evening and weekend classes for students, general contractors, project managers, property managers, corporations and institutions. Special group rates are available. For further information, please contact us at: kbls@sympatico.ca

Software Based Learning - Software-based learning is also available **additional** to the correspondence courses for enhanced and interactive learning such as: MathPro and Math MAT, Outdoor Structures, Paving Stone Backyard Professional, Beam Diagrams, Steel Structure Estimation, Fences and Decks, Deck Railing, Driveway Asphalt, Driveway Pattern, Driveway Crushed Stone, Wooden Fence [with or without Lattice], Fence Chain Link, Floor Structural (Wooden), Floor Tiles on Sub floor, Foundation – Building Tube + Post, Foundation – Building Tube + No Post, Foundation – Building Tube + Big Foot, Foundation – Concrete Wall + Footing, Foundation – Block Wall + Footing, Foundation – Concrete Wall Only, Painting Interior, or Exterior Walls, Sidewalk, Stone Block, Retaining Wall, Stud Wall Structure, Stud Wall Drywall Only, Case Tools, Columns and Base Plates.

We Are Serious About Your Learning Experience

*** Please note that these correspondence courses are not geared/structured for writing technical examinations with the professional engineering licensing bodies or for the purpose of obtaining license to practice professional engineering. These courses do not replace any university level / structured courses.*

Courses by Correspondence

The following includes printed course materials, course assignments and one final examination. Upon successful completion of any course, you will receive a certificate of completion.

Code	Course Title	Tuition Fees
BM14	Basic Mathematics I, II, III and IV Addition, Subtraction, Multiplication, Division, Decimals and fractions, Area and Volume, Ratio and proportions.	\$ 272.00
MF1	Mathematics Fundamentals – Part 1 Four Basic Arithmetic Operations, Averages, Fractions, Decimals, Signed Numbers, Significant Digits, Percentages, Exponents, Scientific Notations and Radicals.	\$ 182.00
MF2	Mathematics Fundamentals – Part 2 Basic Concepts of Geometry, Shapes and Figures of Plane Geometry, Solid Geometric Figures, Trigonometry, Imaginary and Complex Numbers, Matrices and Determinants.	\$ 182.00
BC1	Basic Chemistry – Part 1 Fundamentals of Chemistry, Periodic Table, Chemical Bonding, Chemical Equations, Acids, Bases and Salts, Corrosion.	\$ 162.00
BC2	Basic Chemistry – Part 2 Effects of Radiation, Chemistry Parameters, Principles of Water Treatment, Hazards of Chemicals and Gases,	\$ 162.00
CP1	Basic Classical Physics Fundamental Dimensions, Unit Conversions, Vector Operations, Force and Motion, Newton's Laws, Energy, Work and Power.	\$ 162.00
BE1	Basic Electricity Part 1 Electrical Terminology, Units of Electrical Measurement, Methods of Producing Voltage, Magnetism, Magnetic Circuits.	\$ 172.00
BE2	Basic Electricity Part 2 Inductance and Capacitance, Batteries, Direct Current Generators, DC Motors	\$ 172.00
BE3	Basic Electricity Part 3 Basic AC Theory, Basic AC Reactive Components, Basic AC Power, AC Generators, Voltage Regulators.	\$ 172.00
BE4	Basic Electricity Part 4 AC Motor Theory, Transformers, Instruments and Measuring Devices, Electrical Distribution Systems.	\$ 172.00
ES1	Engineering Symbology & Print Reading Part 1 Introduction to Engineering Symbology, Introduction to Types of Drawings, Engineering Fluids Diagrams, Electrical Diagrams and Schematics,	\$ 185.00
ES2	Engineering Symbology & Print Reading Part 2 Electronic Diagrams and Schematics, Logic Diagrams, Engineering Fabrication, Construction, and Architectural Drawings,	\$ 185.00
TH1	Basic Thermodynamics, Heat Transfer & Fluid Flow Part 1 Basic Thermodynamics and Processes	\$ 205.00

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TH2	Basic Thermodynamics, Heat Transfer & Fluid Flow Part 2	\$ 205.00
	Basic Heat Transfer, Exchange and Generation.	
TH3	Basic Thermodynamics, Heat Transfer & Fluid Flow Part 3	\$ 205.00
	Basic Fluid Flow and Centrifugal Pumps.	
FP1	Basic Fluid Power Part 1	\$ 195.00
	Introduction to Fluid Power, Forces in Liquids, Hydraulic Fluids.	
FP2	Basic Fluid Power Part 2	\$ 195.00
	Pumps, Fluid Lines and Fittings, Valves, Sealing Device and Materials	
FP3	Basic Fluid Power Part 3	\$ 195.00
	Measurement and Pressure Control Devices, Reservoirs, Strainers, Filters, & Accumulators, Actuators, Pneumatics, Basic Systems and Diagrams.	
DC1	Fundamentals of Direct Current Circuits	\$ 188.00
	Basic Direct Current Applications and Calculations.	
HL1	Heat Loss Calculations & Principles	\$ 185.00
	Basic heat loss calculations in HVAC systems.	
HV1	HVAC Concepts & Fundamentals	\$ 156.00
	Basic Concepts and Psychrometrics, Modes of Heat Transfer, Heat Gain and Loss in Buildings, HVAC Noise and Vibration, Load Calculations.	
HV2	HVAC Equipment & Systems	\$ 146.00
	Central Heating Sources, Cooling Sources, Heating & Cooling Delivery Equipment, Air Distribution Ductwork, Air Distribution Equipment, System Design, Piping and Pumps, Energy Calculations.	
MS1	Materials Science – Part 1	\$ 161.00
	Structure of Metals, Properties of Metals.	
MS2	Materials Science – Part 2	\$ 164.00
	Thermal Shock, Brittle Fracture, Plant Materials.	
PC1	Pre-Calculus & Introduction to Probability	\$ 235.00
	Straight Lines, Conic Sections, Tangents and Normals, Limits and Differentiation, Derivatives, Integration, Combinations and Permutations, Probability.	
TG1	Trigonometry Fundamentals	\$ 220.00
	Logarithms, Trigonometric Measurements, Trigonometric Analysis, Oblique Triangles, Trigonometric Identities and Equations, Vectors and Forces.	
MSA1	Mechanical Science – Parts 1 & 2	\$ 357.00
	Diesel Engine Fundamentals, Heat Exchangers, Pumps, Valves, Miscellaneous Mechanical Components.	
BR1	Blue Print Reading & Sketching	\$ 180.00
	Blue Prints, Sketching, Projections and Views, Machine Drawing, Piping Systems, Electrical & Electronic Prints, Structural and Architectural Drawings, Development and Intersections.	

SPFV 1 - Small Projects – Professional Version

This is “estimation” software, based on 26 Common Projects. This is NOT a “spreadsheet”. The End User does not have to calculate any quantities. The software does it all. It is very simple to use with several levels of HELP available . The software has a very short learning curve associated with it.

• **26 Set Projects:** Deck Upper and Lower, Deck Railing, Driveway Asphalt, Driveway Pattern, Driveway Crushed Stone, Fence Wooden [With or Without Lattice], Fence Chain Link, Floor Structural Wooden, Floor Tiles on Sub floor, Foundation – Building Tube + Post, Foundation – Building Tube + No Post, Foundation – Building Tube + Big Foot, Foundation – Concrete Wall + Footing, Foundation – Block Wall + Footing, Foundation – Concrete Wall Only, Painting Interior, or Exterior Walls, Sidewalk, Stone Block Retaining Wall, Stud Wall Structure, Stud Wall Drywall Only, Volume – Rectangular Shape, Volume – Rectangle With Hole, Volume – Trapezoid, Volume – Circle and Volume – Circle With Hole.

- Sketches provided for each project and instructions are provided as to what to enter into the software.
- Metric and Imperial Units.
- Software calculates: a) **Project Cost** – based on project selected, b) **Labor Cost** – Based on labor entered, c) **Expenses** – like Overhead Costs, Contract Costs, etc..., d) **Required Items** – Software indicates “typical items required” [i.e: Approx. No. of screws, Building Tubes, Brackets, etc...], e) Taxes added to job, when required.
- The software will alert the End User to minimum code violations
- A Conversions module is provided [13 Items to Convert: Volume, Area, Force, Length, etc]

Price: \$449.99 Cdn. Plus 8% PST

SPPFV 2 - Small Projects PLUS – Professional Version

• 26 Set Projects: Deck Upper and Lower, Deck Railing, Driveway Asphalt, Driveway Pattern, Driveway Crushed Stone, Fence Wooden [With or Without Lattice], Fence Chain Link, Floor Structural Wooden, Floor Tiles on Sub floor, Foundation – Building Tube + Post, Foundation – Building Tube + No Post, Foundation – Building Tube + Big Foot, Foundation – Concrete Wall + Footing, Foundation – Block Wall + Footing, Foundation – Concrete Wall Only, Painting Interior, or Exterior Walls, Sidewalk, Stone Block Retaining Wall, Stud Wall Structure, Stud Wall Drywall Only, Volume – Rectangular Shape, Volume – Rectangle With Hole, Volume – Trapezoid, Volume – Circle and Volume – Circle With Hole.

- Stone Paver Calculator – 11 generic patterns – 7 Different projects + Estimates
- Sketches provided for each project and instructions are provided as to what to enter into the software.
- Metric and Imperial Units.
- Software calculates: a) Project Cost – based on project selected, b) Labor Cost – Based on labor entered, c) Expenses – like Overhead Costs, Contract Costs, etc..., d) Required Items – Software indicates “typical items required” [ie: Approx. No. of screws, Building Tubes, Brackets, etc...], e) Taxes added to job, when required.
- The software will alert the End User to minimum code violations.
- A Conversions module is provided [13 Items to Convert: Volume, Area, Force, Length, etc]

Price: \$549.99 Cdn. Plus 8% PST

SPLV 3 - Small Projects – LITE Version

- **3 Common Set Projects:** Driveway Pattern, Painting – Exterior or Interior walls, and, Sidewalk.
- Sketches provided for each project and instructions are provided as to what to enter into the software.
- Imperial Units Only.
- Completes 8 Different Projects.
- Software calculates: a) **Project Costs** and b) **Items Required**.

Price: \$149.99 Cdn. Plus 8% PST

SDC 4 - Deck Check

• This is “estimation” software, based on 3 Common Projects. This is NOT a “spreadsheet”. The End User does not have to calculate any quantities. The software does it all. It is very simple to use with several levels of HELP available . The software has a very short learning curve associated with it.

- **3 Common Set Projects:** Deck Upper, Lower, Railings, and, Big Foot Foundation.
- Sketches provided for each project and instructions are provided as to what to enter into the software.

- Imperial + Metric Units.
- Software **CHECKS** the deflection for your beams and joists.
- Software **CHECKS KL/R** Ratios for Beam + Joists.
- Software **CHECKS** the Ontario Building Code for any problems + CHECKS if footings are adequate.
- Software calculates: a) **Project Costs** and b) **Items Required**.
- Upgrade: \$30.00 + Taxes – Complete set of solved projects – Step by Step Solutions.
- Upgrade: \$50.00 + Taxes – Approximate Materials Take – Off of Entire Project.

Price: \$225.99 Cdn. Plus 8% PST

SFC 5 - Fence Check

- This is “estimation” software, based on 3 Common Projects. This is NOT a “spreadsheet”. The End User does not have to calculate any quantities. The software does it all. It is very simple to use with several levels of HELP available . The software has a very short learning curve associated with it.
- **3 Common Set Projects:** Wooden Fence, Chain Link Fence, and, Footing.
- Sketches provided for each project and instructions are provided as to what to enter into the software.
- Imperial + Metric Units.
- Software calculates: a) **Project Costs** and b) **Items Required**.
- Upgrade: \$30.00 + Taxes – Complete set of solved projects – Step by Step Solutions.
- Upgrade: \$50.00 + Taxes – Approximate Materials Take – Off of Entire Project.

Price: \$225.99 Cdn. Plus 8% PST

SGGP 6 - Gerber Girder Professional

- This is “estimation” software, based on a **complete steel structure**. This is NOT a “spreadsheet”. The End User does not have to calculate any quantities. The software does it all. It is very simple to use with several levels of HELP available . The software has a very short learning curve associated with it.
- Estimates ALL steel members for a 50 bay x 50 bay Gerber Girder Steel Structure.
- No Quantities to ADD. Software does all the work.
- Structures like a “typical warehouse”. Spandrels, Interior + Exterior Cantilevers, Links + End Beams, Interior + Exterior Columns, Girts + OWSJ.
- Imperial + Metric Units.

Price: \$449.99 Cdn. Plus 8% PST

SGGPP 7 - Gerber Girder Professional PLUS

- This is “estimation” software, based on a **complete steel structure**. This is NOT a “spreadsheet”. The End User does not have to calculate any quantities. The software does it all. It is very simple to use with several levels of HELP available . The software has a very short learning curve associated with it.
- Estimates ALL steel members for a 50 bay x 50 bay Gerber Girder Steel Structure.
- Estimates the Steel + Concrete for 9 Additional Floors.
- No Quantities to ADD. Software does all the work.
- Structures like a “typical warehouse”. Spandrels, Interior + Exterior Cantilevers, Links + End Beams, Interior + Exterior Columns, Girts + OWSJ]
- Imperial + Metric Units.

Price: \$499.99 Cdn. Plus 8% PST

SBDPV 8 - Beam Diagrams – Professional Version

- This is “estimation/analysis” software, based on 30 different beam types. It is very simple to use with several levels of HELP available . The software has a very short learning curve associated with it. The software is fast and effective.
- 30 Beam Types – Illustrating a free body diagram, shear and moment diagram sketches and the formulas for each beam.
- 3 Load types: UDL, Point Load, Triangular Load, Double Loads.
- Calculates: Reactions, Shears, Moments and Deflections, based on DL and LL [either factored, or unfactored].
- Compare deflections to Allowable given [i.e: L/240, or any other value entered].
- Check Steel, Timber, or Concrete Beams.

- Software **CHECKS** the deflection for your beams and/or joists.
- Software **CHECKS KL/R** Ratios for Beam and/or Joists.
- Estimate Cost of beam + Labor.
- Contains an Ixx, Iyy Calculation Module for various shapes + Built up shapes.
- A Conversions module is provided[13 Items to Convert: Volume, Area, Force, Length, etc].

Price: \$449.99 Cdn. Plus 8% PST [Imperial OR Metric Units]

Price: \$599.99 Cdn. Plus 8% PST [Imperial AND Metric Units]

SBDLV 9 - Beam Diagrams – LITE Version

- This is “estimation/analysis” software, based on 2 different beam types. It is very simple to use with several levels of HELP available . The software has a very short learning curve associated with it. The software is fast and effective.
- Two Beams and TWO Load types [UDL, and Point Load in Center] – Simply Supported Beams – Illustrating a free body diagram, shear and moment diagram sketches and the formulas for each beam.
- Calculates: Reactions, Shears, Moments and Deflections, based on DL and LL [either factored, or unfactored].
- Compare deflections to Allowable given [ie: L/240, or any other value entered].
- Check Steel, Timber, or Concrete Beams.
- Software **CHECKS** the deflection for your beams and/or joists.
- Software **CHECKS KL/R** Ratios for Beam and/or Joists.
- Imperial Units Only.

Price: \$149.99 Cdn. Plus 8% PST

SSPC10 - Stone Paver Calculator

- This is “estimation/analysis” software, based on using Stone Pavers. It is very simple to use with several levels of HELP available . The software has a very short learning curve associated with it. The software is fast and effective.
- 11 Generic Stone Patterns
- Calculates: Number of stones + Pallets Required + Sand Volumes, etc.
- 7 Different Projects
- Calculates Labour + Expenses, etc
- Imperial + Metric Units.

Price: \$264.99 Cdn. Plus 8% PST

SCTPV11 - Case Tools – Professional Version

- This is “estimation/analysis” software, based on 6 different Conveyor Types. It is very simple to use with several levels of HELP available . The software has a very short learning curve associated with it. The software is fast and effective.
- Check: a) Flat Table, b) Flat Table with Overhang, c) Conveyor, d) Conveyor with Overhang, e) Inclined Conveyor and f) Inclined Conveyor with Overhang.
- Metric and Imperial Units.
- Consider People Load on Conveyor.
- Software **CHECKS** the deflection for your Table and Columns.
- Software **CHECKS KL/R** Ratios for Table and Columns.
- Check loads in Center, or to one side.
- Software **CHECKS** base plates. Software ALERTS End User if deflections exceed Allowable deflection entered. That member will turn **RED** to alert the End User.
- Consider Belt Pull, or not in your approximate analysis.
- Calculates reactions, shears, moments and deflections for main table components. Sketches of beam type free body diagram, shear and moment diagrams are provided [along with the equations used].
- Consider columns in strong, or weak axis.
- Enter given shapes, or enter your own shapes.
- Diagrams and sketches are included to make the software “easy” to understand and use.
- Estimate material cost, and labor cost.
- Contains an Ixx, Iyy Calculation Module for various shapes + Built up shapes.
- A Conversions module is provided[13 Items to Convert: Volume, Area, Force, Length, etc].

Price: \$1,099.99 Cdn. Plus 8% PST

SBPPV13 - Backyard Professional Version

- This is “estimation” software, based on 21 Common Projects. This is NOT a “spreadsheet”. The End User does not have to calculate any quantities. The software does it all. It is very simple to use with several levels of HELP available . The software has a very short learning curve associated with it.
- **21 Set Projects:** Deck Upper and Lower, Deck Railing, Driveway Asphalt, Driveway Pattern, Driveway Crushed Stone, Fence Wooden [With or Without Lattice], Fence Chain Link, Foundation – Building Tube + Post, Foundation – Building Tube + No Post, Foundation – Building Tube + Big Foot, Foundation – Concrete Wall + Footing, Foundation – Block Wall + Footing, Foundation – Concrete Wall Only, Sidewalk, Stone Block Retaining Wall, Volume – Rectangular Shape, Volume – Rectangle With Hole, Volume – Trapezoid, Volume – Circle and Volume – Circle With Hole.
- **INCLUDES** – Deck Check
- Software **CHECKS** the deflection for your beams and joists.
- Software **CHECKS KL/R** Ratios for Beam + Joists.
- Software **CHECKS** the Ontario Building Code for any problems + **CHECKS** if footings are adequate.
- Sketches provided for each project and instructions are provided as to what to enter into the software.
- Metric and Imperial Units.
- Software calculates: a) **Project Cost** – based on project selected, b) **Labor Cost** – Based on labor entered, c) **Expenses** – like Overhead Costs, Contract Costs, etc..., d) **Required Items** – Software indicates “typical items required” [ie: Approx. No. of screws, Building Tubes, Brackets, etc...], e) Taxes added to job, when required.
- The software will alert the End User to minimum code violations.
- A Conversions module is provided[13 Items to Convert: Volume, Area, Force, Length, etc]
- Upgrade: \$250.00 + Taxes – Complete set of solved projects – Step by Step Solutions.

Price: \$449.99 Cdn. Plus 8% PST

SBPPVS14 - Backyard Professional + Paver Stone Version

- This is “estimation” software, based on 21 Common Projects. This is NOT a “spreadsheet”. The End User does not have to calculate any quantities. The software does it all. It is very simple to use with several levels of HELP available . The software has a very short learning curve associated with it.
- **21 Set Projects:** Deck Upper and Lower, Deck Railing, Driveway Asphalt, Driveway Pattern, Driveway Crushed Stone, Fence Wooden [With or Without Lattice], Fence Chain Link, Foundation – Building Tube + Post, Foundation – Building Tube + No Post, Foundation – Building Tube + Big Foot, Foundation – Concrete Wall + Footing, Foundation – Block Wall + Footing, Foundation – Concrete Wall Only, Sidewalk, Stone Block Retaining Wall, Volume – Rectangular Shape, Volume – Rectangle With Hole, Volume – Trapezoid, Volume – Circle and Volume – Circle With Hole.
- **INCLUDES** – Deck Check
- Software **CHECKS** the deflection for your beams and joists.
- Software **CHECKS KL/R** Ratios for Beam + Joists.
- Software **CHECKS** the Ontario Building Code for any problems + **CHECKS** if footings are adequate.
- 11 Generic Stone Patterns
- Calculates: Number of stones + Pallets Required + Sand Volumes, etc.
- 7 Different Projects
- Sketches provided for each project and instructions are provided as to what to enter into the software.
- Metric and Imperial Units.
- Software calculates: a) **Project Cost** – based on project selected, b) **Labor Cost** – Based on labor entered, c) **Expenses** – like Overhead Costs, Contract Costs, etc..., d) **Required Items** – Software indicates “typical items required” [i.e.: Approx. No. of screws, Building Tubes, Brackets, etc...], e) Taxes added to job, when required.
- The software will alert the End User to minimum code violations.
- A Conversions module is provided[13 Items to Convert: Volume, Area, Force, Length, etc..]
- Upgrade: \$250.00 + Taxes – Complete set of solved projects – Step by Step Solutions.

Price: \$549.99 Cdn. Plus 8% PST

SMP15 - MATH PRO

- This is “math” software, based on using 12 Popular Modules. It is very simple to use with several levels of HELP available . The software has a very short learning curve associated with it. The software is fast and effective.
- **12 Modules:** 1) Perimeter + Area + Volume of 7 Shapes, 2) Pyramids, Frustums and Cones, 3) Two Linear Equations in Two Unknowns, 4) Three Linear Equations in Three Unknowns, 5) Four Linear Equations in Four Unknowns, 6) Binomial, Decimal and Hexadecimal Numbers, 7) Percent/Ratio Solver, 8) Direct and Inverse Proportional Problems, 9) Right triangle, trigonometric Functions + Pythagorean Theorem, 10) Quadratic Solver, 11) Oblique Triangles – Sine + Cosine Laws – Eighteen Possible Cases, 12) Slope + Y – Intercept.

- 115 Solved Problems – Step by Step.
- Calculator Module
- Imperial + Metric Units.

Price: \$329.99 Cdn. Plus 8% PST

SOS16 - Outdoor Structures

• This is “estimation” software, based on 26 Common Projects. This is NOT a “spreadsheet”. The End User does not have to calculate any quantities. The software does it all. It is very simple to use with several levels of HELP available . The software has a very short learning curve associated with it.

• **13 Set Projects:** Deck Upper and Lower, Deck Railing, Fence Wooden [With or Without Lattice], Fence Chain Link, Floor Structural Wooden, Foundation – Building Tube + Post, Foundation – Building Tube + No Post, Foundation – Building Tube + Big Foot, Foundation – Concrete Wall + Footing, Foundation – Block Wall + Footing, Foundation – Concrete Wall Only, Stone Block Retaining Wall, Stud Wall Structure, Stud Wall Drywall Only.

• Sketches provided for each project and instructions are provided as to what to enter into the software.

• Metric and Imperial Units.

• Software calculates: a) **Project Cost** – based on project selected, b) **Labor Cost** – Based on labor entered, c) **Expenses** – like Overhead Costs, Contract Costs, etc..., d) **Required Items** – Software indicates “typical items required” [ie: Approx. No. of screws, Building Tubes, Brackets, etc...], e) Taxes added to job, when required.

• The software will alert the End User to minimum code violations.

• A Conversions module is provided[13 Items to Convert: Volume, Area, Force, Length, etc]

• Upgrade: \$250.00 + Taxes – Complete set of solved projects – Step by Step Solutions.

Price: \$349.99 Cdn. Plus 8% PST

SMM19 - MATH MAT

• This is “math” software, based on using 10 Popular Modules. It is very simple to use with several levels of HELP available . The software has a very short learning curve associated with it. The software is fast and effective.

• **10 Modules:** 1) Perimeter + Area + Volume of 7 Shapes, 2) Pyramids, Frustums and Cones, 3) Two Linear Equations in Two Unknowns, 4) Percent/Ratio Solver, 5) Direct and Inverse Proportional Problems, 6) Right triangle, trig Functions + Pythagorean Theorem, 7) Quadratic Solver, 8) Oblique Triangles – Sine + Cosine Laws – Eighteen Possible Cases, 9) Slope + Y – Intercept., 10) Simple Probability

• 115 Solved Problems – Step by Step.

• 66 Quiz Questions – Easy, Medium, Hard

• Calculator Module

• Imperial + Metric Units.

Price: \$289.99 Cdn. Plus 8% PST

Other Custom softwares can be made available to you to suit your individual needs

If you feel uncomfortable learning new material in a classroom setting, then this is the perfect opportunity for you to learn in your own privacy and in your own home. Learn new material, advance your knowledge or just 'brush up' on material that you lost touch with. Now is the time to act. Look over the courses, choose the ones you need, fill out the Order form and mail it to Knowledge Base Learning Services Ltd.

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I would like to order the following Correspondence Course(s)

_____	BM14	Basic Mathematics I, II, III and IV	\$ 272.00
_____	MF1	Mathematics Fundamentals – Part 1	\$ 182.00
_____	MF2	Mathematics Fundamentals – Part 2	\$ 182.00
_____	BC1	Basic Chemistry – Part 1	\$ 162.00
_____	BC2	Basic Chemistry – Part 2	\$ 162.00
_____	CP1	Basic Classical Physics	\$ 162.00
_____	BE1	Basic Electricity Part 1	\$ 172.00
_____	BE2	Basic Electricity Part 2	\$ 172.00
_____	BE3	Basic Electricity Part 3	\$ 172.00
_____	BE4	Basic Electricity Part 4	\$ 172.00
_____	ES1	Engineering Symbology & Print Reading Part 1	\$ 185.00
_____	ES2	Engineering Symbology & Print Reading Part 2	\$ 185.00
_____	TH1	Basic Thermodynamics, Heat Transfer & Fluid Flow Part 1	\$ 205.00
_____	TH2	Basic Thermodynamics, Heat Transfer & Fluid Flow Part 2	\$ 205.00
_____	TH3	Basic Thermodynamics, Heat Transfer & Fluid Flow Part 3	\$ 205.00
_____	FP1	Basic Fluid Power Part 1	\$ 195.00
_____	FP2	Basic Fluid Power Part 2	\$ 195.00
_____	FP3	Basic Fluid Power Part 3	\$ 195.00
_____	DC1	Fundamentals of Direct Current Circuits	\$ 188.00
_____	HL1	Heat Loss Calculations & Principles	\$ 185.00
_____	HV1	HVAC Concepts & Fundamentals	\$ 156.00
_____	HV2	HVAC Equipment & Systems	\$ 146.00
_____	MS1	Materials Science – Part 1	\$ 161.00
_____	MS2	Materials Science – Part 2	\$ 164.00
_____	PC1	Pre-Calculus & Introduction to Probability	\$ 235.00
_____	TG1	Trigonometry Fundamentals	\$ 220.00

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_____	MSA1	Mechanical Science – Parts 1 & 2	\$ 357.00
_____	BR1	Blue Print Reading & Sketching	\$ 180.00
_____	ST1	Shop Tools and their Uses	\$ 255.00
_____	TR1	Transformers – General Overview	\$ 129.00
_____	ASD	Applied Steel Design	\$ 450.00
_____	EMA	Engineering Mathematics with Applications	\$ 355.00
_____	ASM	Applied Strength of Materials	\$ 450.00

I would like to order the following Software Package(s)

_____	SPFV 1	Small Projects – Professional Version	\$ 449.99
_____	SPPV2	Small Projects PLUS – Professional Version	\$ 549.99
_____	SPLV3	Small projects – LITE Version	\$ 149.99
_____	SDC4	Deck Check	\$ 225.99
_____	SFC5	Fence Check	\$ 225.99
_____	SGGP6	Gerber Girder Professionals	\$ 449.99
_____	SGGPP7	Gerber Girder Professional PLUS	\$ 499.99
_____	SBDPV8	Beam Diagrams – Professional Version	\$ 449.99
_____	SBDLV9	Beam Diagrams – LITE Version	\$ 149.99
_____	SSPC10	Stone Paver Calculator	\$ 264.99
_____	SCTPV11	Case Tools – Professional	\$ 1,099.99
_____	SBPPV13	Backyard Professional Version	\$ 449.99
_____	SBPPVS14	Backyard Professional + Paver Stone Version	\$ 549.99
_____	SMP15	Math Pro	\$ 329.99
_____	SOS16	Outdoor Structures	\$ 349.99
_____	SMM19	Math MAT	\$ 289.99

Please Note the following:

- All courses / softwares must be prepaid. Please remit your payment by personal cheque, certified cheque or Money Order. Cheques must be made payable to Knowledge Base Learning Services Ltd. Please do not abbreviate our name when writing your cheques.
- No tax on our correspondence courses.
- **Please ADD 8% Provincial Sales Tax [Only on software packages]**
- Shipping and handling included
- Please allow 2 – 3 weeks for shipping
- All correspondence course material are shipped prepaid by Registered mail via Canada Post
- Correspondence Course material will shipped to the address you have indicated on the Order Form
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- Courses must be completed within a 6 months period from the time of enrollment.
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