

SCHOOLS 2 SKILLS

SKILLS FROM SCHOOLS FOR TRADE CAREERS

Most trades in WA's building and construction industry establish and run their own businesses and then work as sub-contractors. The skills you learned at school will help you as you build your career in the construction industry.

What are some of these essential skills from school and why are they important for a career that begins with a trade?

Reading

- +Read and interpret plans
- +Read and understand building code requirements, job and materials specifications
- +Read and understand contracts
- +Read safety signs and other information to understand and identify possible hazards; chemical composition of products

Writing

- +Complete time sheets, BAS statements, insurance and other forms
- +Order materials
- +Write estimates including details about materials, costs of materials, labour requirements and description of works for paying clients

Speaking & Listening

- +Co-ordinate activities with other trades on site
- +Coordinate work plans with supervisors and clients
- +Follow instructions
- +Deliver clear instructions
- +Choose language appropriate to audience—other trades, supervisors, paying clients
- +Participate in safety meetings
- +Discuss problems with other trades on site, supervisors and clients
- +Negotiate solutions to problems

Teamwork

- +Work with other trades on site, apprentices, labourers, supervisors
- +Deliver project on time and on budget

Technology

- +Use email for communication with clients, supervisors and suppliers
- +Use mobile apps to access 2D and 3D plans, building codes and other data
- +Use the internet for research—such as new techniques, job search, quoting, materials costs or information about training requirements and skills development
- +Use databases for storage and retrieval of client details and job information
- +Use software for small business management—payroll, taxation

Numeracy

- +Measure the length, height and width of walls and other structures
- +Measure for accuracy in cutting and preparation of building materials
- +Calculate angles for corners, edges and arches to construct doorways, window openings, trusses
- +Calculate and estimate load bearing capacities and stresses on materials
- +Calculate area
- +Estimate amount of materials, time and labour required for quoting on jobs

Problem solving

- +Assess risk
- +Identify problem
- +Plan, develop and test solutions
- +Implement solution and review

SKILLS FROM SCHOOLS



Schools2Skills Certificate II Building & Construction Trades Pathway

Apprenticeship - Trade Qualification

Business owner
Sub-contractor

Business owner
Sub-contractor

Business owner
Sub-contractor

Further skills training

Certificate IV
Estimating, Supervision

Diploma In Building &
Construction
Registered builder

Diploma in Building and
Construction
Registered builder

CAREER PATHWAY

CONSTRUCTION
TRAINING FUND

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