

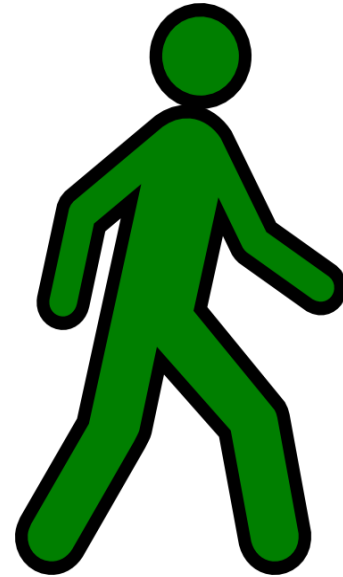
Civil Engineer

Soft Skills

Good communication skills – verbal & written
 Reliable/ self-management (at work on time)
 Able to follow instructions
 Responsible for self and others
 Willingness to learn
 Attention to detail
 Well organised
 Good time management
 Love working with their hands/ practical
 Flexible (working hours/days)
 Well presented
 Comfortable being outside in all weather on a work site

Teamwork & work independently
 Research skills
 Honest/ Trustworthy
 Positive attitude
 Show respect and self-awareness
 Practical/ Logical
 Problem solving skills
 Methodical/ Accurate
 Self-motivated

Show initiative
 Relationship building/maintenance skills
 Able to work unsupervised
 Strong communication skills
 Sound decision maker
 Calm under pressure
 Detail driven



★ Pre-employment ★ Mid Level
 ★ Entry level ★ Senior level

Technical Skills

10 Literacy credits (L1), 48 credits NCEA L2 in 4 subjects with at least 12 in Maths (prefer algebra, trig, calculus)
 Good computer skills
 Driver's Licence & reliable car
 Pass a drug test & MOJ check
 NZ Diploma in Engineering – Civil (L6)
 Use of CAD/other computer design programs
 Prepare plans and drawings
 Health & Safety conscious
 Mathematical modelling skills
 Organisational skills
 Knowledge of relevant codes/standards/practices/legislation
 Bachelor of Engineering (Civil)
 Advanced 3D design skills to produce designs/drawings
 Leadership skills/ mentor/ coach/ supervise
 Negotiation skills
 Ensure proper and complete documentation
 Performance management
 Good planning/prioritisation skills & can meet deadlines
 Investigation & data analysis
 Budgeting/Financial/Cost management – prepare and calculate costings for jobs
 Ensure compliance
 Prepare reports
 Presentation skills
 Risk assessment & management/ strong Health & Safety focus
 Monitor contracts & deliver outcomes
 Stakeholder engagement
 Strategic thinking
 Analytical skills
 Solution focused
 Advanced HR skills & knowledge
 Future planning
 New business development

Roles

Work Experience in chosen role
 Student

Apprentice
 Graduate Engineer
 Technician

Intermediate Engineer
 Tutor
 Asset Manager
 Sales
 Supervisor

H & S specialist
 Estimator
 Project Engineer/Manager
 Designer
 Consultant
 Trainer
 Senior Engineer
 Site Engineer