



AUSTRALIAN STEEL INSTITUTE

CAREERS IN STEEL DRAFTSPERSON

Structural engineering draftspeople provide technical support to structural engineers. They assist in the design of structural projects such as buildings, bridges and towers by preparing the detailed plans and drawings to the engineer's design and specifications.



WHAT DOES A STEEL DRAFTSPERSON DO?

- ✔ Studies blueprints, drawings and specifications to determine job requirements
- ✔ Creates electronic plans using 2D and 3D computer-aided drafting (CAD)
- ✔ Helps prepare tenders and design documentation for projects
- ✔ Carries out site inspections of completed works for design engineers
- ✔ Plays a key role in creating all project documentation
- ✔ Helps maintain standardisation of steelwork framing and connections

WHAT QUALIFICATIONS DO I NEED?

Getting into a diploma course requires the completion of Year 12, preferably with a maths subject under your belt. It is encouraged that you undertake a cadetship while you are working in the industry.

Examples of TAFE courses:

- Certificate III in Computer Aided Drafting
- Certificate III in Drafting
- Certificate IV in Building Drafting or Drafting Trade (Structural Design)
- Diploma of Civil Engineering (Drafting)
- Advanced Diploma of Civil Engineering (Structural Design)



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CAREER PATHWAYS

Steel draftspeople can move into various roles, such as structural designers or project managers. They can also advance to senior designer and design manager positions, overseeing the creation of steel structures.

WHAT SKILLS DO I NEED?

- ✔ Teamwork and communication skills
- ✔ Problem solving and critical thinking
- ✔ An aptitude for working with computers
- ✔ Good spatial visualisation and logic
- ✔ Ability to read plans and drawings
- ✔ Attention to detail and precision

ABOUT THE ASI

A member-based organisation, the Australian Steel Institute (ASI) is the nation's peak body representing the entire steel supply chain from the manufacturing mills right through to end users in building and construction, heavy engineering and manufacturing. With over 5,000 members, we support more than 600 companies.



AVERAGE SALARY

A typical entry level position starts from \$70,000 per year and with more experience and expertise can increase to \$100,000 + per year.*

*Salary or wage variations may depend on region and state, industry sector or the amount of overtime worked.

CONTACT US

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