



# Building and Construction, and Manufacturing

**Victorian TAFE International has developed a suite of micro-credentials in building and construction, and manufacturing.**

These resources have a range of applications:

- as a series of stackable and/or standalone non-accredited courses that may be aligned to recognition of prior learning or credits towards a qualification
- to meet the needs of industry and targeted cohorts (e.g. international offshore industry, clients, or students)
- to include digital badges aligned to recognised learning outcomes
- can be used across a variety of learning modes including traditional face-to-face learning (master class or workshop), a blended approach, or fully online.
- as taster courses and a marketing tool to attract international students to study with Victorian TAFEs.

**To gain the most out of these micro-credentials an individual should have a general understanding of building and construction and manufacturing with specific capability, performing a range of work with assistance from a mentor or supervisor to carry out more complex tasks.**

## Work Safely with Molten Metals / Glass

This micro-credential covers the identification of risks associated with gas and electric arc welding operations and implementing hazard reduction practices.

By the end of this micro-credential, you should be able to:

- identify hazards and control measures associated with gas and electrical welding practices
- be aware of the characteristics and properties of common metals and welding materials
- understand Australian work safety standards
- apply risk mitigation controls.

## Perform Manual Handling

This micro-credential covers lifting and moving materials manually, and/or using basic manual handling equipment in a range of environments.

By the end of this micro-credential, you should be able to:

- identify relevant standards and lifting techniques
- select lifting equipment
- identify manual handling techniques
- define hazards of carrying out incorrect procedures
- understand safe work practices and procedures.

## Occupational Health and Safety for the Engineering Industry

This micro-credential covers occupational health and safety (OHS) procedures in an engineering, manufacturing or similar work environment.

By the end of this micro-credential, you should be able to:

- understand rights and responsibilities in regard to occupational health and safety in an engineering, manufacturing, or similar workplace
- be aware of the kinds of hazards that can exist in an engineering, manufacturing, or similar workplace
- recognise hazards in the workplace
- reduce or eliminate hazards in the workplace with appropriate procedures
- understand safety signage in the workplace.

For more information contact TAFE delivery partners:



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