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Construction Management

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Acknowledgement of Country

We respectfully acknowledge the Wurundjeri People of the Kulin Nation, who are the Traditional Owners of the land on which Swinburne's Australian campuses are located in Melbourne's east and outer-east, and pay our respect to their Elders past, present and emerging.

We are honoured to recognise our connection to Wurundjeri Country, history, culture, and spirituality through these locations, and strive to ensure that we operate in a manner that respects and honours the Elders and Ancestors of these lands.

We also respectfully acknowledge Swinburne's Aboriginal and Torres Strait Islander staff, students, alumni, partners and visitors.

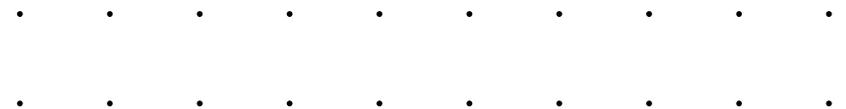
We also acknowledge and respect the Traditional Owners of lands across Australia, their Elders, Ancestors, cultures, and heritage, and recognise the continuing sovereignties of all Aboriginal and Torres Strait Islander Nations.

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Construction Industry in Australia

- Currently employs 1.32 million people and projected to grow to 1.41 million in 2033.
- With Australia's population projected to reach nearly 40 million by 2060, there will be a significant amount of building and construction work that needs to be undertaken, requiring a substantial workforce to complete this work every year.
- Digital disruptions such as building information modelling and AI are transforming the world of construction work which also led to an increase in the demand for digitally skilled professionals in construction management
- Average weekly payment is \$1883 for the whole sector (Australian Bureau of Statistics, November 2024) and \$3,691 for construction managers (Jobs and Skills Australia)



What is Construction Management?

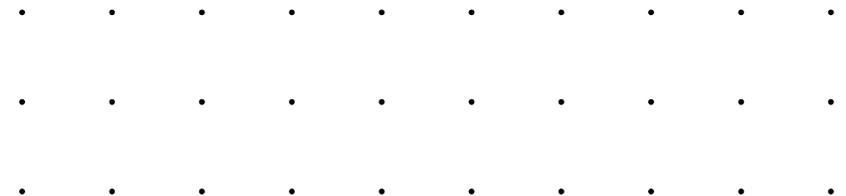
- Construction is about turning imagination into reality — **bringing the bold visions of architects and engineers to life.**
- Construction management is a professional service that utilises specialised project management techniques to oversee the construction of a project from start to finish. Its goal is to control a project's time, cost, quality, safety, and scope



Construction Courses at Swinburne



- **Bachelor of Construction Management (Honours)**
- **22627VIC – Advanced Diploma of Building Design (Architectural)**
- **CPC50220 – Diploma of Building and Construction (Building)**
- **CPC40120 – Certificate IV in Building and Construction (Building)**



Bachelor of Construction Management (Honours)

4 Years Full Time – Hawthorn Campus

- This course prepares a student with a broad body of construction management knowledge areas and a range of contemporary and special skills including sophisticated digital technologies and traditional skillsets for professional purposes.
- With the construction industry undergoing rapid digital transformation, this degree's strong focus on digital construction tools and technologies ensures the students graduate with the advanced skills required to meet the demands of the modern construction industry.



Career Opportunities

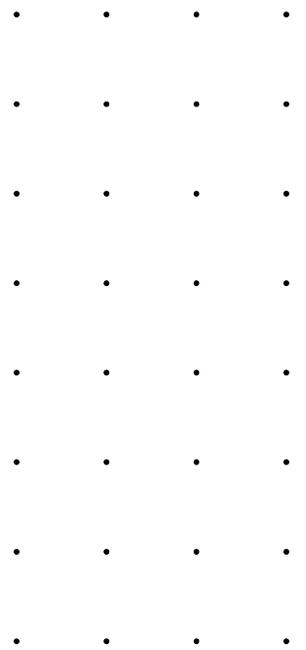
- Construction Manager
- Quantity Surveyor
- Project Manager
- Contract Administrator
- Site Supervisor
- Building Information Modelling (BIM) Specialist

Entry Requirements

70 25

ATAR
Guaranteed
Entry Score for
2026

VCE English
(Units 3 and 4)



Pathway courses are available for students who don't meet the entry requirements

22627VIC Advanced Diploma of Building Design (Architectural)



2 Years Full Time – Hawthorn and Croydon (Hybrid)

The ***Advanced Diploma of Building Design (Architectural)*** equips students with advanced design, documentation, and regulatory capabilities required to operate effectively as Building Design (Architecture) professionals within the Victorian construction and development environment.

This is the only qualification that meets the academic requirements for VBA registration in Building Design (Architectural), subject to the completion of required industry experience.

Graduates commonly enter roles such as:

- Building design and architectural drafting
- Architectural support within AEC
- Architectural Assistant or Design Technician
- Draftsperson

Pathway:

- Bachelor of Design (Architecture)
- Bachelor of Interior
- Bachelor of Construction Management (Honours) - Upto 100cp exemption (one year full time).

CPC50220 Diploma of Building and Construction (Building)



18 Months – Croydon / Hybrid
Students maybe eligible for Free Tafe

2 Days / week

4 Intakes per year

The **CPC50220 Diploma of Building and Construction (Building)** delivers a robust, compliant and industry aligned training product that supports workforce capability, builder registration pathways, and progression into higher education. Its structured, clustered delivery and strong alignment with regulatory and industry expectations position it as a flagship qualification within the construction education sector.

Graduates commonly enter roles such as:

- Registered Builder
- General Foreperson
- Building Inspector

Pathway:

- Bachelor of Construction Management (Honours) – Upto 100cp exemption (one year full time).
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CPC40120 Certificate VI in Building and Construction (Building)



6 Months – Croydon / Hybrid
Students maybe eligible for Free Tafe

2 Evenings / week

2 Intakes per year

The **CPC40120 Certificate IV in Building and Construction (Building)** is an industry aligned qualification designed to prepare emerging builders and supervisors for residential and low-rise commercial construction roles.

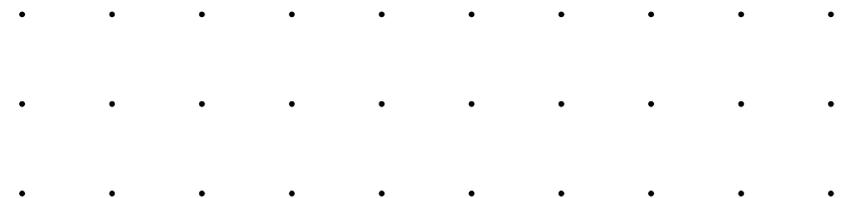
It focuses on developing integrated technical, supervisory, regulatory, and foundational business skills through scaffolded, compliance driven training aligned to the NCC and relevant state legislation.

Graduates commonly enter roles such as:

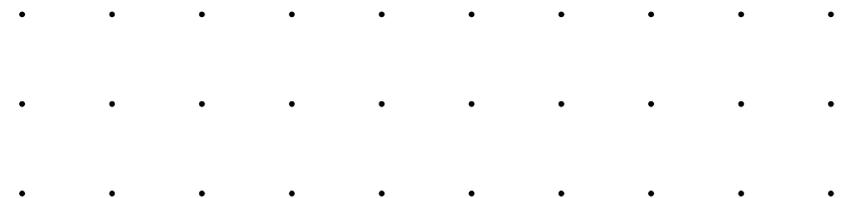
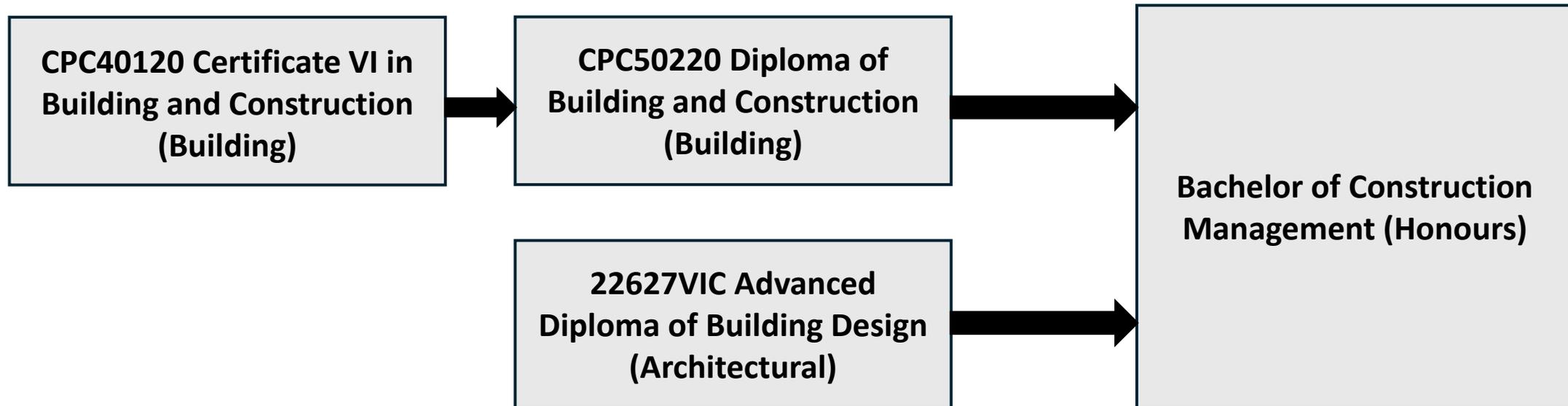
- Builder (limited)
- Construction Supervisor
- Site Manager
- Site Supervisor
- Leading Hand

Pathway:

- CPC50220 Diploma of Building and Construction (Building)



Pathways in Construction Management



Industry Partners

- Design Matters National
- Architectus
- Jump Consulting
- Mazzei group
- Barkers Burke Construction
- Asset Survey
- Link Up Careers
- Acciona
- A.G.Commbs
- Astern Group
- Bouygues Construction Australia
- BMD Constructions
- Charlton Degg
- Decmil
- Downer Group
- Drac Mechanical
- EQSS

- FCC Construction Australia
- Fulton Hogan
- Jardon Group
- Jaydo Constructions
- Kinsley Group
- Laing O'Rourke
- Lendlease
- McConnell Dowell
- Neo
- John Holland
- Pace Building Group
- Simbuilt
- Simpson Construction Company
- Symal
- Terra Firma Industries
- Terra Verde
- Turner and Townsend
- WSP Australia

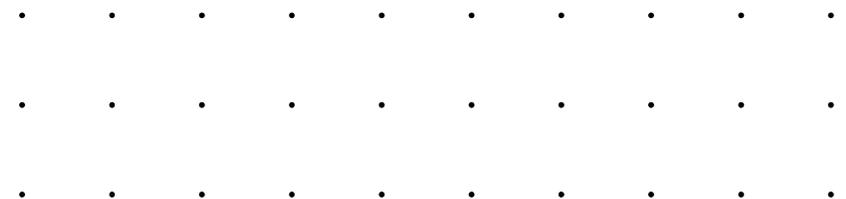
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Placement at Victorian Department of Transport and Planning

One student is undertaking a professional placement with the Victorian Department of Transport and Planning within the 3D Modelling and Visualisation team. He is applying BIM-enabled workflows across ArcGIS, Revit, Rhino, and visualisation platforms to support planning assessments, Vic3D model audits, and community engagement projects. Knowledge from the Bachelor of Construction Management—particularly ISO 19650, information management, and collaborative BIM processes—is directly informing his work and improving team practices. Through industry experience, he is developing skills in standards implementation, workflow documentation, infrastructure-scale BIM, and professional communication within a government planning and digital engineering context.



Department of Transport and Planning



Site Visit to Victorian Tunnelling Centre (VTC)

In Semester 2 2025, 3rd year students visited the Victorian Tunnelling Centre (VTC), an Australian-first, state-of-the-art facility to educate and upskill professionals in underground construction and tunnelling. They gained valuable insights by physically standing inside a segmentally lined tunnel, explored the range of structural and geotechnical monitoring sensors installed in the tunnel, directly linking classroom learning on in-situ monitoring to real-world applications for construction safety. Many tried the VR fire extinguisher, excavator and drill rig simulators. These digital, gaming-inspired training tools provided insights into how immersive technologies can help overcome contextualisation challenges and continuously improve safety practices across the industry.



Site Visit to Melbourne Metro Tunnel

Swinburne Construction Management undergraduate students participated in a site visit to the Melbourne Metro Tunnel South Station on 18 October 2024. The visit was hosted by Bouygues Construction Australia (BYCA), the major contractor for the Metro Tunnel Project. Prior to the site tour, students attended a brief presentation on Bouygues and the project delivered by Henry Walker (Project Engineer and Swinburne University alumnus).

