

BUILDING INDUSTRY & VU SCHOOL OF CONSTRUCTION INDUSTRIES UPDATE

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Construction Industries

THE BUILDING INDUSTRY

- Whether it is design, build, demolish, assemble, manufacture or provide professional services, the building industry provides business and employment opportunities for many Australians
- The industry delivers 160,000+ new residences each year across the nation – new homes!
- For every new house built – 10 existing houses will be renovated
- 700,000 new bathrooms and 400,000 new kitchens
- This industry builds \$80 billion in residential activity annually, not to mention commercial

THE BUILDING INDUSTRY

- Double that figure again in sales of white goods, carpet and furnishings, interior decorating and landscaping
- \$1 in every \$20 spent in Australia goes through the building industry, which represents great career opportunities!
- Don't forget where did the government spend the bulk of its economic stimulus package?
- And there is still a skills shortage and new developments being released, especially in the west!

THE BUILDING INDUSTRY

- 1 million people employed in the sector
- The fourth largest contributor to Australia's GDP
- Earn more than an average wage
- Construction is one of Australia's largest and most important industries
- Some Melton Shire facts; 8000 new people every year, the population will grow from 114,000 now to 210,000 by 2030
- Melton Shire see the building industry as the major employment opportunity in the city and are supporting it as such with a new program

VU CONSTRUCTION INDUSTRIES

- Approximately 4500 students each year
- From Certificate I to Advanced Diploma
- Training delivered across 4 campuses Newport,
 - Sunshine, Werribee and Melton, on site, online and offshore
- New \$50 million building for Sunshine in 2013
- Visit Newport Campus every Wednesday afternoon
- Other campuses by appointment, organise a tour
 - for school groups

SUNSHINE CONSTRUCTION FUTURES



SUNSHINE CONSTRUCTION FUTURES

- State-of-the-art training facilities that allow VU to meet the new and emerging educational requirements of the building and construction industries
- Building and construction education located at the heart of western Melbourne's extensive building and construction industry and providing flow-on benefits for economic development within the region
- Co-location of building and construction with manufacturing and engineering training strengthening links between these related areas, allowing sharing of new technologies and improving efficiencies in education provision
- Expanded capacity to provide flexible learning solutions for identified skill shortages and the up-skilling needs of employees to serve workforce development requirements of the building and construction industry



SUNSHINE CONSTRUCTION FUTURES



WORKSHOP



TRADES STUDIOS

Succulent

Code:	P15H12
P Value:	222
G Value:	218
B Value:	101
LPIV Value:	69



TECHNOLOGY HUB

Midas Touch

Code:	P15H17
P Value:	232
G Value:	194
B Value:	69
LPIV Value:	65

Blue Bonnet

Code:	P35A3
P Value:	146
G Value:	181
B Value:	194
LPIV Value:	47



GPC

WHERE DO WE DELIVER THESE COURSES?

- Newport
- Sunshine
- Melton
- Werribee
- At secondary schools

WHAT ARE THE DIFFERENCES BETWEEN THE BUILDING TRADES?

THE SIMILARITIES

- working with timber
- the hand tools
- the base skills
- the materials
- quality and precision
- job satisfaction



WHAT'S THE DIFFERENCE BETWEEN CARPENTRY, JOINERY AND CABINET MAKING?

THE CARPENTER

- builds the structure
- domestic / commercial
- works predominantly outside



CARPENTRY



WHAT'S THE DIFFERENCE BETWEEN CARPENTRY, JOINERY AND CABINET MAKING?

THE JOINER

- Builds the items to be fixed to the structure i.e. doors, windows, fitments, stairs, kitchens, workstations, shopfronts etc
- Works in workshops, new homes, commercial



JOINERY



WHAT'S THE DIFFERENCE BETWEEN CARPENTRY, JOINERY AND CABINET MAKING?

THE CABINET MAKER

- Makes what is housed in the structure i.e. kitchen cabinets, built-in furniture
- Works in a factory and installs the cabinetry
- Shop fitting and stair building
- Furniture restoration



CABINET MAKING



FURNITURE STUDIES



BRICKLAYING



BRICKLAYING

THE BRICKLAYER

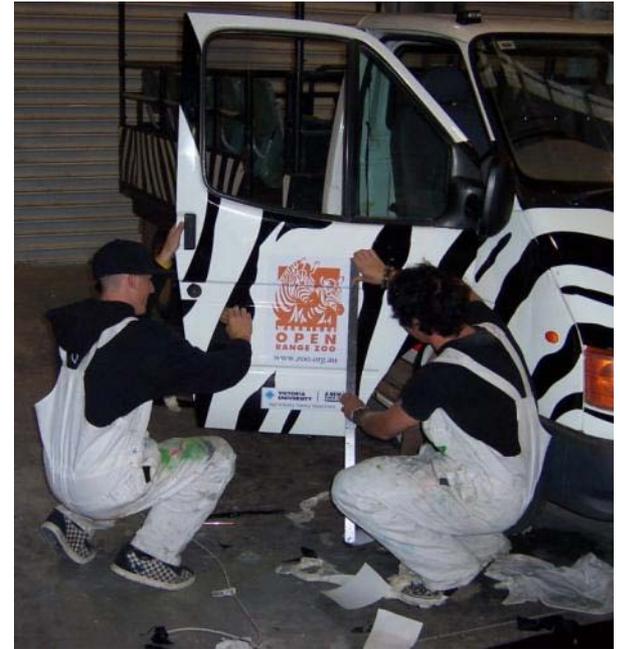
- Builds brick structures i.e. walls, arches, fencing, paths
- Works predominantly outside
- Does domestic and commercial



PLUMBING



SIGNCRAFT



ADVANCED BUILDING

- Certificate IV Building and Construction (Building)
- Certificate IV in Building and Construction (Estimating)
- Diploma of Building Surveying
- Diploma of Building and Construction (Building)
- Advanced Diploma of Building Surveying
- Advanced Diploma of Building Design (Architectural)

- Pathways into Higher Education
- Practice Firm

CAREER PROSPECTS

- Construction Manager
- Builder
- Leading hand
- Site supervisor
- Building inspector/surveyor
- Self-employed
- Trade teacher



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CONTACT DETAILS

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