



# New Zealand Certificate in Stonemasonry (Level 4) (Construction Stonemasonry)



**Domestic fee:** \$6,196 (first year)

**International fee:** \$22,830 (first year)

Compulsory student levy >  
StudyLink >

\*Fees are approximate, subject to change and exchange rates

Location	Central Otago or Manukau Campus in Auckland (through Future Skills Academy)
Duration	Two years
Delivery	On campus

Credits	220
Level	4
Start	February
Apply	until start date

There is a strong demand nationally and internationally for people who can veneer houses in stone and build stone features, and we can help you become a specialist in this field.

This hands-on programme gives you extensive training and work experience. You will gain the practical skills and knowledge required to work unsupervised as a stonemason.

Further career options may include site management, sub-contracting, business ownership, landscape architecture, sales and stone procurement, or sculpture.

Please note: Our Manukau Campus programme is delivered through the Future Skills Academy as a joint venture between Otago Polytechnic and the provider.

#### Skills required

- > To be motivated and efficient
- > To be fit, healthy and strong
- > Good communication and people skills
- > Creative problem-solving skills.

#### Entry requirements

- > There are no academic entry requirements.

All students (international and domestic) for whom English is not a first language:

- > must demonstrate English Language skills with an IELTS overall band score (academic) of 5.5, with no band score lower than 5.0 OR
- > must provide acceptable alternative evidence of English language proficiency depending on the visa decline rate of the country you are from. See here for acceptable evidence and visa decline rates by country.

All scores must be achieved in a single test completed in the preceding two years. You cannot combine scores from multiple tests. If you have achieved NCEA Level 3 University Entrance you are not required to provide evidence of English Language skills.

Please note: This is a very practical, hands-on programme and you must be physically fit in order to cope with physical lifting and the use of manual equipment.

Additional documentation

You must supply certified copies of proof of identity and proof of residency (where appropriate).

Selection procedure

If the number of applicants exceeds the number of places available, applicants will be placed on a waiting list in the order that they applied.

Graduate outcomes

Upon successful completion of this programme, you will be able to:

- > Understand and apply a broad practical, working knowledge of the fundamentals required in the stonemasonry trade.
- > Plan and carry out all aspects of construction stonemasonry work including consents, creation, installation, and repair and refurbishment of different stonemasonry elements.
- > Operate to the required safety, technical, quality, and productivity standards expected in a commercial stonemasonry environment.
- > Self-manage on-going learning and supervise the learning of others with a responsibility to maintain the professional standards of the stonemasonry industry.

Qualification structure

Course Title	Level	OP Credit
<b>YEAR 1</b>		
Construction Stonemasonry Career Insights and Orientation	4	15
Dry Stone Techniques	4	15
Stone Flooring and Paving	4	15
Landscape Techniques	4	15
Veneer Techniques	4	15
Legislation	4	15
Drawings and Specifications	4	15
Repair and Refurbishment	4	10
<b>YEAR 2</b>		
Applied Veneer Stonemasonry Construction	4	30
Applied Landscape Stonemasonry	4	15
Applied Stone Flooring/Paving	4	15
Capstone Portfolio	4	45
<b>Programme Totals</b>		<b>220</b>

You will study

Covering a wide range of skills, this programme will furnish you with a high level of competence in designing and constructing stone features. Focused on the use of Central Otago schist or stone from the

Auckland region depending on your study location, you will also learn about suitable application of other types of stone and are introduced to many traditional and modern stonework styles. Extensive practical work and work experience is included in the qualification to develop your applied knowledge and experience.

Indicative content – Year One

### **Construction Stonemasonry Career Insights and Orientation**

*Learn to identify professional working practices within the construction stonemasonry industry.*

- > Outline the roles, responsibilities and professional work practices of the construction stonemasonry industry.
- > Identify factors in the selection and use of stone materials in New Zealand.
- > Recognise the health, safety and legislative considerations that apply to the New Zealand stonemasonry industry.
- > Identify the basic requirements of being self-employed in the New Zealand stonemasonry industry.

### **Dry Stone Techniques**

*Develop the fundamental skills required to construct a basic dry stone project.*

- > Identify basic dry stone construction methods within construction stonemasonry.
- > Select stone appropriate for basic dry stone construction stonemasonry.
- > Apply basic dry stone construction methods.

### **Stone Flooring and Paving**

*Develop the basic skills required to set out and lay a basic paving project to specifications.*

- > Establish site and material needs for stone flooring/paving.
- > Prepare and set out for stone flooring/paving.
- > Select, lay and finish stone flooring/paving.

### **Landscape Techniques**

*Develop the fundamental skills required to construct a basic landscaping project to meet specifications.*

- > Plan a basic landscaping project to meet all specifications and requirements.
- > Set out and prepare a site for landscaping to project specification.
- > Construct basic landscaping stonework to project specification.

### **Legislation**

*Learn how to identify and practically apply legislation relevant to construction stonemasonry.*

- > Identify and locate legislation relevant to construction stonemasonry.
- > Apply legislation relevant to construction stonemasonry.

### **Drawings and Specifications**

*Develop the skills required to interpret and apply working drawings and specifications for a stonemasonry project.*

- > Identify key components of working drawings and specifications for construction stonemasonry.
- > Read and interpret working drawings and specifications for construction stonemasonry.
- > Apply working drawings and specifications to construction stonemasonry.

### **Veneer Techniques**

*Develop the fundamental skills required to construct a basic stone veneer project to meet specifications.*

- > Describe the attributes and elements of stone veneer.
- > Establish site and material needs for a basic veneer wall.
- > Construct a basic veneer wall to a specification.

### **Repair and Refurbishment**

*Learn how to apply the appropriate methods of repair and refurbishment within a stonemasonry project.*

- > Identify and assess repair and refurbishment options for construction stonemasonry.
- > Apply methods to repair and refurbish stonework.

Indicative content – Year Two

### **Applied Veneer Stonemasonry Construction**

*Learn how to construct veneer stonemasonry to meet project specifications in a commercially viable manner.*

- > Plan veneer stonemasonry work to project specification.
- > Coordinate veneer stonemasonry construction to project specification.
- > Construct veneer stonemasonry to project specification.

### **Applied Landscape Stonemasonry**

*Gain the skills required to construct landscaping stonemasonry to meet project outcomes.*

- > Plan landscape stonemasonry and architectural features to meet project outcomes.
- > Coordinate landscape and architectural features to meet project outcomes.
- > Construct landscape and architectural features to meet project outcomes.

### **Applied Stone Flooring/Paving**

*Discover how to construct a stone flooring and paving project to meet project outcomes.*

- > Plan stone flooring/paving to meet project outcomes.
- > Establish site for stone flooring/paving to meet project outcomes.
- > Construct a stone flooring/paving project to meet project outcomes.

### **Capstone Portfolio**

*Gain the practical skills and knowledge needed to work as a commercially competent construction stonemason.*

- > Select and use materials in a variety of construction stonemasonry contexts.
- > Plan and carry out construction stonemasonry across the veneer, landscaping, and flooring/paving contexts.
- > Self-manage on-going learning and work unsupervised in a professional, sustainable, and commercially viable manner.

#### Your workload

This programme is a two-year path of study. The focus of the programme is very practical and there are limited reading and writing assignment requirements. Classes run Monday to Friday, 9.00am to 3.00pm. Practical days can be longer if you are working on construction projects away from the campus. In Year Two there may be workplace learning opportunities.

This programme involves outdoor working, use of hand tools and the manual handling of heavy materials. You should find the workload easy to manage, as long as you are fairly physically fit.

#### Additional costs

You are required to provide and wear protective safety footwear to attend practical classes. You will be provided with all small tools, specialised equipment and safety glasses. Stonemasonry students are eligible to apply for funding to cover course-related costs.

#### Student loans/allowances

Student loans and allowances are for domestic students only. For information about student loans and allowances please visit the Studylink website. It is important to apply for your student loan/allowance at the same time as you apply for this programme, due to the length of time Studylink take to process. Loan/allowance applications can be cancelled at any time if you decide to withdraw your programme application or if it is unsuccessful.

#### Recognition of prior learning

If you have extensive knowledge and skills due to practical experience in this area, enquire about our recognition of prior learning process at Capable NZ. You may have already gained credits towards this qualification.

#### Disclaimer

While every effort is made to ensure that this sheet is accurate, Otago Polytechnic reserves the right to amend, alter or withdraw any of the contained information. The fees shown in this document are indicative ONLY. Both domestic and international fees are subject to change and are dependent on the development and implementation of Government policies. Please note that additional fees may from time to time be required for external examination, NZQA fees and/or additional material fees.

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