FACULTY OF CIVIL CONSTRUCTION DESIGN

NATIONAL CODE: RII60520

ADVANCED DIPLOMA OF CIVIL CONSTRUCTION DESIGN

Gain advanced technical, project management, and professional skills in civil construction design, preparing you to contribute to complex infrastructure projects, collaborate in multidisciplinary teams, and produce detailed designs while applying safe work practices, regulatory requirements, and industry best practice.

Second qualification in the Civil Construction Design Package. Students must complete the Diploma before commencing the Advanced Diploma.

CAMPUSES

BRISBANE CAMPUS (ADELAIDE STREET 1)

OVERVIEW

INTAKES
Monthly

DURATION
52 weeks

INDUSTRY PLACEMENT

INTERNATIONAL STUDENTS
No

CRICOS CODE:

CONTACT HOURS
16
11

Blended Learning

ADVANCED DIPLOMA OF CIVIL CONSTRUCTION DESIGN

The RII60520 Advanced Diploma of Civil Construction Design equips students with advanced knowledge and skills to excel in civil construction projects. You will learn to produce detailed designs, manage technical documentation, use industry-standard design tools, and apply civil construction design principles, WHS, environmental, and sustainability requirements.

Delivered through a blended learning approach, the course combines online lectures, workshops, seminars, site visits, and other learning activities. Students complete Capstone Projects and Engagement with Professional Practice (EPP), gaining hands-on, industry-relevant experience through simulated workplace projects, team activities, mentoring, and reflective practice.

Graduates are prepared to support civil construction projects, contribute effectively in multidisciplinary teams, apply civil construction design knowledge and Engineering Associate practice, WHS, environmental, and sustainability requirements, and practice professionally and ethically. They are also equipped to undertake roles such as Civil Engineering Draftsperson, Civil Construction Designer, or Civil Engineering Technician when completed alongside the Diploma of Civil Construction Design.

Second qualification in the Civil Construction Design Package. Students must complete the Diploma before commencing the Advanced Diploma.

What You'll Learn

- Develop professional skills through hands-on Capstone projects, reflective practice, and Engagement with Professional Practice (EPP).

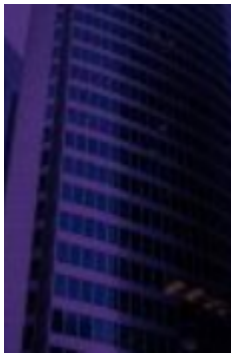
Career Outcomes

CIVIL CONSTRUCTION DESIGNER

CIVIL ENGINEERING TECHNICIAN

CIVIL ENGINEERING DRAFTSPERSON

Rhodes Graduates work with Industry Leaders



Nathaniel
From our trainer Rudy to the fantastic online resources, super engaging lectures and the outstanding guest speakers – plus the 24/7 student support – there's literally no better place to study. It's incredible.

INTAKE DATES

2026

JULY
Monday, 13th

AUGUST
Monday, 03rd

SEPTEMBER
Monday, 07th

OCTOBER
Monday, 12th

NOVEMBER
Monday, 02nd

DECEMBER
Monday, 07th

2027

JANUARY
Monday, 04th

FEBRUARY
Monday, 01st

MARCH
Monday, 01st

APRIL
Monday, 12th

MAY
Monday, 10th

JUNE
Monday, 07th

JULY
Monday, 12th

AUGUST
Monday, 02nd

SEPTEMBER
Monday, 06th

OCTOBER
Monday, 11th

NOVEMBER
Monday, 01st

DECEMBER
Monday, 06th

TUITION FEES (**DOMESTIC**)

Course Name	Course Duration	Domestic	Campus Availability	Intakes
Advanced Diploma of Civil Construction Design	52 weeks	$11,800	BNE	Monthly

ENTRY REQUIREMENTS

AGE	GRADE	IELTS
18	Australian Year 12 or equivalent	

- **AGE**
  Minimum age of 18 years or turning 18 years old prior to commencement of the course
- **EDUCATION & EXPERIENCE REQUIREMENTS**
- **ENGLISH LANGUAGE**
- **REQUIRED IDENTIFICATION**
  Photo ID

COMPUTER SKILLS & EQUIPMENT

Students on this course require a desktop or laptop for learning purposes and to complete course assessments. They must have beginner to intermediate computer skills, including proficiency in Microsoft Office 365 applications such as Word, Excel, PowerPoint and Teams, as well as the ability to use email (e.g., Gmail or Outlook) and navigate the internet to access learning resources and course materials. Students must also have the practical skills necessary for an efficient study environment, including installing, updating, and maintaining web browsers and software, connecting their desktop or laptop and mobile devices to wireless networks, using a webcam and headset/microphone for online classes and collaboration, and utilising cloud storage for files and assessments. These skills are required to enable students to fully participate in online classes via Microsoft Teams, engage with course content, and complete assessments through Rhodes Business School's Learning Management System (aXcelerate). Students must have a suitable desktop or laptop that meets the specifications listed below to support all learning activities and required software. Hardware Requirements: • Desktop or Laptop Specifications: o Processor (CPU): 3.0 GHz or higher, 4+ cores (64-bit) o Memory (RAM): 32 GB (recommended) o Storage (Disk Space): Minimum 100 GB available space (SSD recommended) o Graphics Card (GPU): 8 GB dedicated GPU (recommended) o Operating System: Windows: Windows 10 version 1809 or above, or Windows 11 (64-bit) or Mac: macOS Monterey v12, Big Sur v11, or Catalina v10.15 o Webcam: Built-in or USB webcam o Audio: Suitable input and output for online classes o Headset: For clear audio communication o Internet: Reliable high-speed internet connection Software Requirements: • Microsoft Office 365: Word, Excel, PowerPoint • MS Teams: Downloadable for free Specific Software Requirements: • Cloud storage solution (e.g., Google Drive, OneDrive, or SharePoint) Note: Free access to AutoCAD will be provided to students

BRISBANE CAMPUS (ADELAIDE STREET 1) COURSE TRAINERS

Peter NG

Peter Ng is a highly qualified Civil Construction Trainer and Chartered Engineer with over 18 years of experience in geotechnical engineering, tunnelling, and large-scale infrastructure projects across Australia and Hong Kong.

With a strong background in project design, excavation, tunnelling, and slope maintenance, Peter has contributed to major projects such as the WestConnex Stage Three B and Western Harbour Tunnel in Sydney, as well as the West Gate Tunnel Project in Melbourne. His work with leading organisations including John Holland and Meinhardt (C&S) Limited reflects his commitment to engineering excellence and innovation.

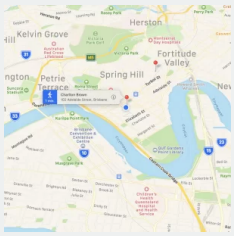
Peter holds a Master of Construction Law from the University of Melbourne, a Master of Science in Applied Geoscience, and a Bachelor of Science (Hons) in Earth Sciences from the University of Hong Kong. He is also a qualified VET educator with a Certificate IV in Training and Assessment and a Certificate IV in Work Health and Safety.

As part of the Rhodes Business School, Peter is dedicated to developing the next generation of civil construction professionals. His teaching philosophy emphasises hands-on learning, critical thinking, and real-world application. He believes in guiding students to "dig deep" — fostering perseverance, problem-solving, and professional confidence in every learning journey.

BRISBANE CAMPUS (ADELAIDE STREET 1) & FACILITIES

YOUR CAMPUS

Overlooking King George Square in the heart of Brisbane's CBD, NIET Group Brisbane Centre features 10 tutorial rooms, two lecture theatres, library and digital media lab, alongside modern computer lab & large open recreation & study spaces. The campus is just metres from major bus and train terminals, extensive retail & accommodation options.



Level 4, 102 Adelaide Street, Brisbane, 4000

SESSION LOCATIONS

BRISBANE ROOM 1

BNE CTR

LARGE SMART TV | WHITE BOARD | SEATING

NIET Group Brisbane – Classroom 1
Step into Classroom 1, the heart of our civil construction program, where ambition meets inspiration and learning becomes an experience.

This contemporary space features comfortable seating, a large smart TV for interactive presentations, and a whiteboard that brings ideas to life — creating an engaging environment that encourages collaboration, creativity, and critical thinking.

Bright, spacious, and welcoming, Classroom 1 is where students from around the world come together to share perspectives, challenge ideas, and grow into future global leaders.

It's more than a classroom — it's where potential turns into purpose.

VIEW IN MAP