

BUILDING & 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 CENTRE CAMPUS (316 ADELAIDE ST)

OVERVIEW

INTAKES
Monthly

DURATION
52 weeks

INDUSTRY PLACEMENT

INTERNATIONAL STUDENTS
Yes

CRICOS CODE:
121079D

CONTACT HOURS
20

Entirely On-Campus

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.

What You'll Learn

- Plan, manage, and coordinate civil construction design projects
- Prepare detailed designs for geotechnical works, urban roads, and civil structures including timber, concrete, and steel
- Apply safe work practices, quality systems, and regulatory requirements
- Manage project risk, time, integration, and team performance
- Produce and interpret technical drawings, models, and documentation in line with industry standards 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



Emily
"The cultural experiences, especially exploring Brisbane and the Gold Coast, were amazing! The tour concierge made the entire experience smooth and enjoyable."



Michael
"The tour was well organized and provided great opportunities for both personal and academic growth. The hands-on learning made all the difference!"

INTAKE DATES

2026

DECEMBER
Monday, 07th

TUITION FEES (**INTERNATIONAL (STUDENT VISA)**)

Course Name	Course Duration	International (Student Visa)	Campus Availability	Intakes
Advanced Diploma of Civil Construction Design	52 weeks	$11,000	BNECTR2	Monthly

ENTRY REQUIREMENTS

AGE	GRADE	IELTS
18	12	5.5

- **AGE**
  Minimum age of 18 years or turning 18 years old prior to commencement of the course
- **EDUCATION & EXPERIENCE REQUIREMENTS**
  Year 12 Australian Senior High School Certificate, or equivalent (e.g. completion of Year 12 or High School in the studentį¯s home country) with full academic results.
- **ENGLISH LANGUAGE**
  Upper-Intermediate English (equivalent to 5.5 academic or general IELTS) and successful completion of college LLND Test

REQUIRED IDENTIFICATION

Photo ID (international students must provide copy of passport)

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 and PowerPoint, 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 and utilising cloud storage for files and assessments.

These skills are required to enable students to engage with course content, and complete assessments through Educare College'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.

Students MUST have the following equipment prior to enrolling with Educare College

Hardware Requirements:

Desktop or Laptop Specifications:

Processor (CPU): 3.0 GHz or higher, 4+ cores (64-bit)

Memory (RAM): 32 GB

Storage (Disk Space): Minimum 100 GB available space (SSD recommended)

Graphics Card (GPU): 8 GB dedicated GPU

Operating System: Windows 11 (64-bit) with latest updates

Internet: Reliable high-speed internet connection

Software Requirements:

Microsoft Office 365: Word, Excel and PowerPoint

Specific Software Requirements:

GIS Software (QGIS)

MATLAB

File management system - Google Drive

BIM Software: Autodesk Revit 2023 and Navisworks

Other requirements:

Scientific calculator

Compass, clinometer and tape

Personal Protective Equipment: high visibility vests, hard hats, gloves, boots

BRISBANE CENTRE CAMPUS (316 ADELAIDE ST) COURSE TRAINERS

BRISBANE CENTRE CAMPUS (316 ADELAIDE ST) & FACILITIES

YOUR CAMPUS

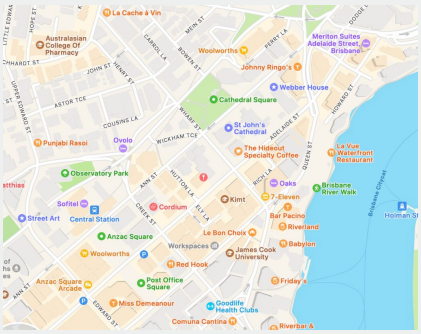
EduCare's main campus, known as "Brisbane Centre 2," is strategically situated on level 3 at 316 Adelaide Street, right in the heart of Brisbane's bustling central business district. This premier location offers students unparalleled access to a vibrant urban environment, fostering both academic and professional growth. The campus itself is a testament to EduCare's commitment to providing a superior educational experience, blending modern design with state-of-the-art learning facilities.

Upon entering Brisbane Centre 2, students are greeted by a welcoming and supportive environment. The campus is equipped with spacious classrooms that are designed to encourage interactive learning and collaboration. Each classroom is outfitted with the latest educational technology, including digital whiteboards and high-speed internet, ensuring that teaching and learning are both dynamic and engaging.

A key feature of the campus is its comprehensive multimedia resource library, which provides students with a wealth of learning materials at their fingertips. From academic journals and e-books to interactive software and video content, the library is equipped to support a wide range of learning styles and research needs.

In addition to academic resources, Brisbane Centre 2 offers a variety of student services aimed at enhancing the overall educational journey. These include dedicated study areas, computer labs with specialized software, and comfortable lounge spaces for relaxation and networking. The campus also hosts regular workshops and seminars, led by industry professionals and academic experts, to supplement classroom learning and provide valuable insights into the community services sector.





316 Adelaide Street, Brisbane 4000

SESSION LOCATIONS