

DIPLOMA IN CONSTRUCTION TECHNOLOGY/ BACHELOR OF CONSTRUCTION TECHNOLOGY (6045)

Western Sydney University Program Code: 6045

AQF Level: 7

CRICOS Code: 103020F

This program is suspended from Term 1, 2025, no new students will be admitted from this session.

This program applies to students who commenced in Term 1, 2022 or later.

Students should follow the program structure for the session start date relevant to the year they commenced.

For commencement year 2021, please refer to: 6045.1 Diploma in Construction Technology/Bachelor of Construction Technology (<http://handbook.westernsydney.edu.au/hbook/course.aspx?course=6045.1>)

For commencement year 2017, please refer to: 6032.1 Diploma in Construction Management/Bachelor of Construction Technology (<http://handbook.westernsydney.edu.au/hbook/course.aspx?course=6032.1>)

This program is delivered by Western Sydney University, The College as an agent of Western Sydney University.

This program provides the skills and abilities necessary to perform competently at a professional level in the residential construction industry, in one or more of the following roles: Site Manager, Building Supervisor, Estimator and Building Surveyor. Students will develop specialised skills in construction management. The Construction Technology program is widely recognised for delivering the full suite of theoretical, practical, and hands-on experience in the area of residential construction. Students will study four concentrated areas related to the delivery of residential construction projects. These are construction technology; construction economics; construction law; and construction resource management. There may be a number of opportunities during the program to obtain a cadetship in the building industry in areas including project home building, building surveying and residential development. The three year Bachelor of Construction Technology program may be used as a pathway to the Master of Project Management program which meets the Australian Institute of Building (AIB) professional accreditation requirements.

The first year of this program is delivered by Western Sydney University The College as an agent of Western Sydney University via extended face-to-face hours in an environment focused specifically on supporting students to make the transition into university study. A Diploma in Construction Technology exit point is also available at the end of the first year of the program.

Western Sydney University, The College (<https://www.westernsydney.edu.au/thecollege/>)

Early Exit

Students may exit this program on completion of 100 credit points with a 7169 Diploma in Construction Technology (exit only) (<https://hbook.westernsydney.edu.au/programs/diploma-construction-technology-exit-only/>)

Study Mode

Four years full-time or eight years part-time.

Program Advice

For program advice during your first year of study, please contact The College: College Program Enquiries (<https://directory.westernsydney.edu.au/search/email/AdminApp@westernsydney.edu.au>)

For program advice during your second and subsequent years of student, please contact the School of Engineering, Design & Built Environment (edbe@westernsydney.edu.au)

Prospective students should visit the following websites for general enquiries about this program.

Enquire about this program (<https://enquiry.westernsydney.edu.au/courseenquiry/>) | Local Admission (<https://www.westernsydney.edu.au/future/>) | International Admission (<https://www.westernsydney.edu.au/international/home/apply/admissions/>) |

Location

Campus	Attendance	Mode	Advice
Penrith Campus*	Full Time	Internal	See above
Penrith Campus*	Part Time	Internal	See above

* Programs delivered through an agreement with another party

Admission

For more information on applying please see link to The College admission pages below.

https://www.westernsydney.edu.au/thecollege/how_to_apply (https://www.westernsydney.edu.au/thecollege/how_to_apply/)

Domestic students are required to have

- Completed an English unit in the NSW Higher School Certificate, Or
- Competency in English at IELTS 6.0 equivalent (unless a native speaker), Or
- Passed The College English test with 70% or higher, Or
- Passed The College Foundation Studies Academic English subject at C grade level or higher.

Students are also assumed to have background in Mathematics at a senior high school level and assumed background in Science knowledge, preferably in Physics.

Met other entry requirements such as

- An ATAR identified prior to the offer of a place, Or
- Completed The College Foundation Studies program with a Grade Point Average of 5.5 or higher.

International students must satisfy one of the following language requirements

- IELTS 6.0 with a minimum 5.5 in each sub band, Or
- Completed the College EAP 4 course with a 50% pass, Or
- Passed The College English test with 70% or higher, Or
- Passed The College Foundation Studies Academic English subject at C grade level or higher for which advanced standing can be applied for.

Academic Entry Requirements vary according to country of origin. However, in general

- Completion of Year 12 or its equivalent is the minimum entry requirement, Or
- Completed The College Foundation Studies program with a Grade Point Average of 5.5 or higher.

Qualification for this award requires the successful completion of 260 credit points which include the subjects listed in the recommended sequence below.

The early exit College Diploma consists of 100 credit points which includes two College Preparatory subjects.

Recommend Sequence

Western Sydney University The College Subjects

Nirimba Campus

Please note that all campuses may not have intakes each year.

Course	Title	Credit Points
Year 1		
First Term of Study		
LANG 0050	Essential Literacy for Construction Professionals II (WSTC Prep)	10
BLDG 0002	Building Calculations (WSTC Prep)	10
ENGR 1037	Construction Communication (WSTC)	10
BLDG 1018	Residential Building (WSTC)	10
Second Term of Study		
BLDG 2012	Contract Administration (WSTC)	10
BLDG 1016	Building Science (WSTC)	10
ARCH 1005	Drawing and CAD (WSTC)	10
Third Term of Study		
BLDG 1008	Construction Work Safety (WSTC)	10
BLDG 1017	Non-Residential Building (WSTC)	10
BLDG 1010	Environmental Building Design (WSTC)	10
Students may exit at this point and graduate with the Diploma in Construction Technology following a passing grade in all of the above subjects. Students who progress onto Year Two may also be awarded the Diploma if they gain a passing grade in all of the above subjects.		
Credit Points		100
Total Credit Points		100

- Students must pass all College Preparatory subjects before progressing to the Year Two subjects.
- Students must pass at least 70 credit points of University level subjects in Year One before progressing to the Year Two subjects.

Western Sydney University Subjects

For program advice during your second and subsequent years of study, please use the contact listed for the Bachelor of Construction Technology.

Bachelor of Construction Technology (<https://hbook.westernsydney.edu.au/programs/bachelor-construction-technology/>)

Penrith Campus

Course	Title	Credit Points
Year 2		
Autumn session		
CIVL 2016	Civil and Substructure	10
BLDG 2002	Building Measurement	10
ARCH 2003	Development Control	10
Select one elective		10
Credit Points		40
Spring session		
ACCT 1001	Accounting Information for Managers	10
BLDG 2001	Building Estimates and Tendering	10
BLDG 2003	Building Regulations Studies	10
Select one elective		10
Credit Points		40
Year 3		
Autumn session		
BLDG 3008	Negotiation in the Built Environment	10
BUSM 3077	Construction Project Management	10
CIVL 3016	Building Superstructure	10
Select one elective		10
Credit Points		40
Spring session		
CIVL 3017	Construction Scheduling	10
ENGR 3021	Professional Practice	10
JUST 3003	Building Law	10
Select one elective		10
Credit Points		40
Total Credit Points		160

Minor elective spaces

Elective subjects may be used toward obtaining an additional approved minor (40 credit points). Western Sydney University offers minors in a range of areas including Sustainability and Indigenous Studies.

Global Sustainability Minor (<https://hbook.westernsydney.edu.au/majors-minors/global-sustainability-minor/>)
 Indigenous Australian Studies Minor (<https://hbook.westernsydney.edu.au/majors-minors/indigenous-australian-studies-minor/>)

Sustainable Futures, Minor (<https://hbook.westernsydney.edu.au/majors-minors/sustainable-futures-minor/#structuretext>)

Western Sydney University also offers the following innovative transdisciplinary Challenge Minors (https://www.westernsydney.edu.au/educational_partnerships_and_quality/home/challenge_minors/) which we encourage those students who have elective space to consider.

Equitable Technologies (<https://hbook.westernsydney.edu.au/majors-minors/equitable-technologies-minor/>)
 Urban Evolution (<https://hbook.westernsydney.edu.au/majors-minors/urban-evolution-minor/>)
 Migration and Global Change (<https://hbook.westernsydney.edu.au/majors-minors/migration-global-change-minor/>)
 Personal Innovation (<https://hbook.westernsydney.edu.au/majors-minors/personal-innovation-minor/>)
 Innovating, Creating and Problem Solving (<https://hbook.westernsydney.edu.au/majors-minors/innovating-creating-problem-solving-minor/>)

Eco-Socially Conscious Design and Manufacturing (<https://hbook.westernsydney.edu.au/majors-minors/eco-socially-conscious-design-manufacturing-minor/>)

Water for Life (<https://hbook.westernsydney.edu.au/majors-minors/water-life-minor/>)

Climate Justice (<https://hbook.westernsydney.edu.au/majors-minors/climate-justice-minor/>)

Creative and Visual Communication (<https://hbook.westernsydney.edu.au/majors-minors/creative-visual-communication-minor/>)

Global Workplaces (<https://hbook.westernsydney.edu.au/majors-minors/global-workplaces-minor/>)

Innovating For Humans (<https://hbook.westernsydney.edu.au/majors-minors/innovating-humans-minor/>)

Creative Living for Cultural Wellbeing (<https://hbook.westernsydney.edu.au/majors-minors/creative-living-cultural-wellbeing-minor/>)

Ideate.Strategise.Innovate. (<https://hbook.westernsydney.edu.au/majors-minors/ideate-strategise-innovate-minor/>)

Humanising Data (<https://hbook.westernsydney.edu.au/majors-minors/humanising-data-minor/>)

For more information, visit the Challenge Minor (https://www.westernsydney.edu.au/educational_partnerships_and_quality/home/challenge_minors/) website.

Search for majors and minors (<https://hbook.westernsydney.edu.au/majors-minors/>)

Students can apply for an elective minor via Western Now.

WesternNow (<https://www.westernsydney.edu.au/westernnow/>)