

GRADUATE CERTIFICATE IN VERTICAL TRANSPORTATION (3798)

Western Sydney University Program Code: 3798

AQF Level: 8

CRICOS Code: 109242K

Graduate Certificate in Vertical Transportation

This program applies to students who commenced in Spring 2022 or later.

The Graduate Certificate in Vertical Transportation provides specialist skills and knowledge to plan, design, install, assess and maintain vertical transportation systems (e.g. lifts, walkways, escalators). The program integrates the disciplines of electrical and mechanical engineering creating a specific and work ready program in the expanding Vertical Transportation industry. Students have opportunities to work on industry projects through a capstone project and complete the program in a flexible way through online workshops and exposure to hands-on practicals while learning the relevant industry standards and regulations.

Study Mode

2 semesters full-time or 3 semesters part-time

Program Advice

Program advice (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
Parramatta City Campus- Macquarie Street	Full Time	Internal	See above
Parramatta City Campus- Macquarie Street	Part Time	Internal	See Above

Admission Criteria for this Program are

A Bachelor degree in engineering, building, construction, or relevant fields in technology and physical sciences, or
A Diploma or higher degree in engineering, building, construction, or relevant fields in technology and physical sciences, and a minimum of two years full time equivalent professional work experience on relevant roles in the vertical transportation sector.

Applications from Australian and New Zealand citizens and holders of permanent resident visas may be made via the Universities Admissions Centre (UAC) or directly through the Western Portal. Use the links below to apply via UAC or Western Sydney University. Applications made directly to Western Sydney do not have an application fee.

<http://www.uac.edu.au/>

<https://westernsydney.uac.edu.au/ws/>

Applicants who have undertaken studies overseas may have to provide proof of proficiency in English. Local applicants who are applying through the Universities Admissions Centre (UAC) will find details of minimum English proficiency requirements and acceptable proof on the UAC website. Local applicants applying directly to the University should also use the information provided on the UAC website.

<http://www.uac.edu.au/>

All other International applicants must apply directly to the University via the International Office.

International students applying to the University through the International Office can find details of minimum English proficiency requirements and acceptable proof on their website.

International Office (<http://www.westernsydney.edu.au/international/>)

Overseas qualifications must be deemed by the Australian Education International - National Office of Overseas Skills Recognition (AEI-NOOSR) to be equivalent to Australian qualifications in order to be considered by UAC and Western Sydney University.

Recommended Sequence

Qualification for this award requires the successful completion of 60 credit points as per the recommended sequence below.

Full-time start-year intake

Course	Title	Credit Points
Year 1		
Autumn session		
ENGR 7019	Specialised Software Applications	10
MECH 5001	Vertical Transportation Technology	10
MECH 5002	Fundamentals of Vertical Transportation Systems	10
MECH 5003	Vertical Transportation Operations and Management	10
Credit Points		40
Spring session		
ENGR 7028	Engineering Project 1 (PG)	20
Credit Points		20
Total Credit Points		60

Full-time mid-year intake

Course	Title	Credit Points
Year 1		
Spring session		
ENGR 7019	Specialised Software Applications	10
MECH 5001	Vertical Transportation Technology	10
MECH 5002	Fundamentals of Vertical Transportation Systems	10
MECH 5003	Vertical Transportation Operations and Management	10
Credit Points		40
Autumn session		
ENGR 7028	Engineering Project 1 (PG)	20
Credit Points		20
Total Credit Points		60