

# Qualification details



## RII60520 - Advanced Diploma of Civil Construction Design

### Summary

Releases:	Release	Status	Release date
	2	Current	2021/03/12
	1	Replaced	2021/01/25

Usage recommendation: **Current**

Mapping:	Mapping	Notes	Date
	Supersedes and is equivalent to RII60515 - Advanced Diploma of Civil Construction Design		2021/01/25

### Training packages that include this qualification

Code	Title	Release
RII	Resources and Infrastructure Industry Training Package	6.0

### Units of competency

Code	Title	Essential
BSBESB406	Establish operational strategies and procedures for new business ventures	Elective
BSBOPS601	Develop and implement business plans	Elective
BSBPMG530	Manage project scope	Elective
BSBPMG531	Manage project time	Elective
BSBPMG532	Manage project quality	Elective
BSBPMG533	Manage project cost	Elective
BSBPMG534	Manage project human resources	Elective
BSBPMG535	Manage project information and communication	Elective
BSBPMG537	Manage project procurement	Elective
BSBPMG540	Manage project integration	Elective
BSBPMG632	Manage program risk	Core
BSBSTR601	Manage innovation and continuous improvement	Elective
BSBTWK502	Manage team effectiveness	Core
BSBWHS616	Apply safe design principles to control WHS risks	Core
RIIBEF601E	Conduct business negotiations	Elective
RIIBEF604E	Conduct a feasibility study	Elective
RIICWD507D	Prepare detailed geotechnical design	Elective
RIICWD509E	Prepare detailed design of urban roads	Elective
RIICWD510E	Prepare detailed design of busways	Elective
RIICWD512E	Prepare detailed design of motorways and interchanges	Elective
RIICWD520E	Prepare detailed design of rigid pavements	Elective
RIICWD526E	Prepare detailed traffic analysis	Elective

Code	Title	Essential
RIICWD528E	Prepare detailed design of traffic management systems	Elective
RIICWD532E	Prepare detailed design of tunnels	Elective
RIICWD533E	Prepare detailed design of civil concrete structures	Elective
RIICWD534E	Prepare detailed design of civil steel structures	Elective
RIICWD535E	Prepare detailed design of civil timber structures	Elective
RIICWD536E	Prepare detailed design of civil masonry, crib and gabion structures	Elective
RIICWD601E	Manage civil works design processes	Core
RIILAT402E	Provide leadership in the supervision of diverse work teams	Elective
RIIQUA601E	Establish and maintain a quality system	Core

## Classifications

Scheme	Code	Name
ANZSCO Identifier	312211	Civil Engineering Draftsperson
ASCED Qualification/Course Field of Education Identifier	0309	Civil Engineering
Qualification/Course Level of Education Identifier	411	Advanced Diploma
Taxonomy - Industry Sector	N/A	Civil Construction, Engineering Design
Taxonomy - Occupation	N/A	Senior Civil Construction Designer

## Classifications history

Scheme	Code	Name	Start date	End date
ANZSCO Identifier	312211	Civil Engineering Draftsperson	2021/01/25	
ASCED Qualification/Course Field of Education Identifier	0309	Civil Engineering	2021/01/25	
Qualification/Course Level of Education Identifier	411	Advanced Diploma	2021/01/25	