

Civil Construction

AQF VET qualification: RII20715 Certificate II in Civil Construction

Training Package: RII Resources and Infrastructure (version 2)

BOSTES course name	Pattern of study	BOSTES course number	Schools Online (Administration) entry advice
Civil Construction (240 hours)	4 units x 1 year	59792	Enter this course number for either Preliminary (Year 11) or HSC (Year 12)
Civil Construction (300 hours)	2 units x 2 years	59790	Enter this course number for both Preliminary (Year 11) and HSC (Year 12)
	and		
	1 unit x 1 year	59791	Enter this course number for either Preliminary (Year 11) or HSC (Year 12) depending on pattern of delivery

Eligibility: This course is only available to students undertaking a school-based traineeship.

Exclusions: Construction Curriculum Framework
Resources and Infrastructure

HSC course requirements

Civil Construction (240 indicative hours)

- the possible qualification outcome is RII20715 Certificate II in Civil Construction
- accredited for a total of 4 units at the Preliminary and/or HSC level
- attempt all core units of competency (totalling 185 HSC indicative hours) and elective units of competency to a minimum of 55 HSC indicative hours and to meet qualification packaging rules
- mandatory work placement requirements are met through the on-the-job training component of the school-based traineeship.

Civil Construction (300 indicative hours)

- the possible qualification outcome is RII20715 Certificate II in Civil Construction
- accredited for a total of 5 units at the Preliminary and/or HSC level
- attempt all core units of competency (totalling 185 HSC indicative hours) and elective units of competency to a minimum of 115 HSC indicative hours and to meet qualification packaging rules
- mandatory work placement requirements are met through the on-the-job training component of the school-based traineeship.

The requirements for the completion of an HSC VET course are different to the requirements for AQF VET qualification completion. Registered Training Organisations (RTOs) need to ensure that delivery of courses meets HSC course requirements and complies with Training Package rules.

For a course to count towards the HSC program of study, students must satisfy the course completion criteria as required by the Board of Studies, Teaching and Educational Standards NSW. (Refer to the [Assessment Certification Examination \(ACE\) website](#).) There must be sufficient evidence that the student has:

- followed the course developed or endorsed by BOSTES
- applied themselves with diligence and sustained effort to the set tasks and experiences provided in the course
- achieved some or all of the course outcomes
- (where applicable) undertaken the mandatory work placement.

Unit credit for the Higher School Certificate

Civil Construction HSC VET courses count as Board Endorsed unit credit for the HSC but do not contribute towards an Australian Tertiary Admission Rank (ATAR).

To facilitate flexibility of VET in the HSC, courses may be delivered as Preliminary, as HSC or as a combination of Preliminary and HSC units.

The HSC credit units will be allocated to students' Preliminary and/or HSC patterns of study as required.

The pattern of study (BOSTES course number) entered on *Schools Online (Administration)* should reflect the delivery of the HSC VET course over successive years. For example, delivery of a 240 HSC indicative hour course over two years should be entered as 2 units x 2 years. Students will be credentialled for the HSC credit units entered each calendar year, provided they have satisfactorily completed the course requirements for that calendar year as determined by the school, college or RTO.

Course content

CORE

Unit code and title	Status for AQF VET qualification	HSC indicative hours of credit
RIIBEF201D Plan and organise work	core	15
RIICCM201D Carry out measurements and calculations	core	20
RIICCM202D Identify, locate and protect underground services	core	15
RIICCM203D Read and interpret plans and job specifications	core	20
RIICCM205E Carry out manual excavation	core	10
RIICCM207D Spread and compact materials manually	core	10
RIICOM201D Communicate in the workplace	core	15
RIISAM203D Use hand and power tools	core	40
RIISAM204D Operate small plant and equipment	core	20
RIIWHS201D Work safely and follow WHS policies and procedures	core	20

Total HSC indicative hours for core units of competency: 185

ELECTIVE

Unit code and title	Status for AQF VET qualification	HSC indicative hours of credit
FPICOT2239A Trim and cross cut felled trees	elective – listed	25
RIICCM206D Support plant operations	elective – listed	15
RIICCM208D Carry out basic levelling	elective – listed	15
RIICCM209D Carry out concrete work	elective – listed	25
RIICCM210D Install trench support	elective – listed	20
RIICCM211D Erect and dismantle temporary fencing and gates	elective – listed	15
RIICRC201D Repair potholes	elective – listed	15
RIICRC208D Lay pipes	elective – listed	20

Unit code and title	Status for AQF VET qualification	HSC indicative hours of credit
RIIRIS202D Respond to site based spills	elective – listed	10
RIISAM201D Handle resources and infrastructure materials and safely dispose of nontoxic materials	elective – listed	20
RIIWS205D Control traffic with stop-slow bat	elective – listed	10
RIIWMG203D Drain and dewater civil construction site	elective – listed	15

AQF VET qualification

Qualification packaging rules are contained in the [RII Resources and Infrastructure Industry Training Package](#) at <http://training.gov.au>.

In summary, to attain [RII20715 Certificate II in Civil Construction](#) students must achieve 16 units of competency including:

- a) 10 core units of competency
- b) 6 elective units of competency:
 - at least 5 units must be chosen from electives
 - no more than 1 unit may be chosen from elsewhere in the RII Training Package, or from another endorsed Training Package, or from an accredited course.

Other information

Criteria for the endorsement of Board Endorsed VET courses (VET BECs)

The criteria for endorsement of VET BECs are outlined in the *Guidelines for Stages 5 and 6 Board Endorsed VET Courses* available on the BOSTES website at www.boardofstudies.nsw.edu.au/voc_ed/board-endorsed-courses.html.

HSC VET course delivery

HSC VET courses can only be delivered by an RTO with the relevant qualification and units of competency on their scope of registration. Scope of registration can be checked at <http://training.gov.au>.

RTOs offering training programs for the delivery and assessment of Civil Construction HSC VET courses must meet the requirements of the VET Quality Framework, the [RII Resources and Infrastructure Training Package](#) and the HSC course.

Information about the delivery of HSC VET courses by RTOs other than school system RTOs or TAFE NSW institutes is contained on the BOSTES [Assessment Certification Examination \(ACE\) website](#).

Non-government schools outsourcing delivery of HSC VET courses to external providers also need to refer to the *Registered and Accredited Individual Non-government Schools (NSW) Manual* or *Registration Systems and Member Non-government Schools (NSW) Manual* which are available on the BOSTES website at <http://rego.bostes.nsw.edu.au>.

HSC work placement requirements

Work placement is a mandatory HSC requirement for all Civil Construction VET courses.

Students undertaking HSC VET courses as part of a school-based apprenticeship or traineeship will meet mandatory work placement hour requirements through the on-the-job training component of the school-based apprenticeship or traineeship.

Students' outside employment (ie not under the auspices of the school) may be recognised towards the requirement for work placement in a VET course ([ACE 8051 – Assessment Certification Examination \(ACE\) website](#)).

Non-completion of work placement is grounds for withholding the HSC course. Schools and colleges are advised to follow the procedure for issuing 'N' determinations as outlined on the BOSTES [Assessment Certification Examination \(ACE\) website](#).

Allocation of HSC indicative hours of credit

Units of competency drawn from Training Packages are not defined in terms of duration. The amount of time required by individual students to achieve competency will vary according to their aptitude and experience. Where a training program is designed for delivery by an RTO, the RTO will specify the length of the training program according to the delivery strategies and/or curriculum resources chosen.

However, for the purposes of the HSC, VET courses must be described in terms of their indicative hours. For this reason, indicative hours for unit credit towards the HSC have been assigned to each unit of competency. It is emphasised that the assignment of indicative hours does not imply that all students will fulfil all requirements of a unit of competency within these hours. RTOs may determine that additional or fewer hours are required for the

achievement of particular competencies. However, this does not alter the HSC indicative hours allocated, only the delivery hours.

Students may need to spend additional time practising skills in a work environment and completing projects and assignments, in order to fulfil Training Package assessment requirements.

Exclusions

Where there is significant overlap between an HSC VET course and other HSC VET or general education course, BOSTES has an exclusion between the courses. Exclusions are generally applied at a course level rather than at the unit of competency level.

Students can only undertake the Civil Construction (240 indicative hours) course or the Civil Construction (300 indicative hours) course.

Schools should check all course exclusions when determining an appropriate pattern of study for their students.

Course exclusions for Civil Construction are detailed on the first page of this course description.

Recognition of Prior Learning (RPL) and credit transfer within VET courses

Students who have current knowledge, skills or experience relevant to a VET course may be granted credit towards the course requirements.

Arrangements for RPL and credit transfer within VET courses, including processes, application form and examples of possible scenarios, are detailed on the BOSTES website at www.boardofstudies.nsw.edu.au/voc_ed/rpl.html.

School-based apprentices and trainees

Information regarding provision for school-based apprentices and trainees within the HSC is available on the BOSTES website at www.boardofstudies.nsw.edu.au/voc_ed/apprenticeships-traineeships.html.

Information on requirements and arrangements for NSW school-based apprenticeships and traineeships is available at www.training.nsw.gov.au/individuals/apprenticeships_traineeships/school_based/index.html.

Students with special education needs

Students with special education needs may access a VET course in one of two ways:

- by undertaking the course under regular course arrangements, or
- by undertaking selected units of competency within the course that have been identified through the collaborative curriculum planning process.

For more information, see the [VET Courses and Students with Special Education Needs](#) fact sheet, as well as [Collaborative Curriculum Planning](#) advice, on the BOSTES website.

Students in Years 9 and 10 (Stage 5)

In certain circumstances students in Years 9 and 10 (Stage 5) may access Stage 6 VET courses. Further information is available on the BOSTES website at www.boardofstudies.nsw.edu.au/voc_ed/stage-5.html.