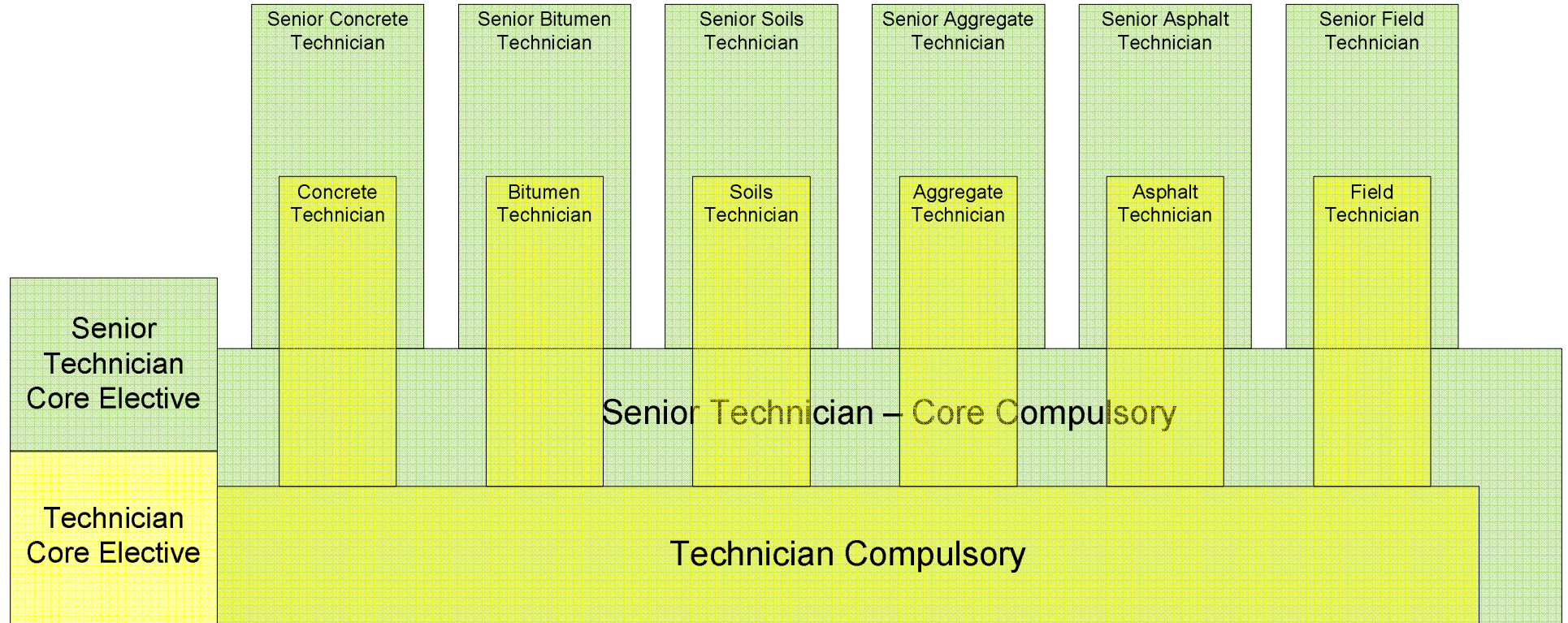


Overview, package content and detailed unit standards for technician and senior technician laboratory qualifications for the civil engineering sector

Qualification	Concrete			Asphalt			Bitumen			Soils			Aggregates			Field Testing		
	Core	Strand	Total	Core	Strand	Total	Core	Strand	Total	Core	Strand	Total	Core	Strand	Total	Core	Strand	Total
Tech NC L4	55	37	92	55	35	90	55	30	85	55	30	85	55	36	91	55	30	85
Snr Tech NC L5	66	69	135	66	67	133	66	70	136	66	91	157	66	102	168	66	65	131



Credit table for Laboratory Technician qualifications

	Technician Compulsory	Technician Elective	Concrete strand	Asphalt Strand	Bituminous binder Strand	Soils Strand	Aggregates Strand	Field Testing
Level 1	8							
Level 2	7	0-4						
Level 3	25	0-3	9					
Level 4	8		28	35	30-38	30	36-38	30
Level 5	4	0-4						
Totals	52	Min 3	37	35	Min 30	30	Min 36	30
Qualification total for strand			92	90	85	85	91	85

The level of a national certificate is set on a count back from the highest level credits. This process results in all Laboratory technician strands being set at level 4 on the national qualifications framework. The credit value would suggest that people starting these qualifications with no laboratory experience would be expected to take approximately 1 ½ years +/- to complete the qualification in a single discipline (strand). People wishing to complete more than one stand would need to complete the addition credits (unit standards) for the additional strand.

Credit table for Laboratory Senior Technician qualifications

	Senior Technician Compulsory	Senior Technician Elective	Concrete strand	Asphalt Strand	Bituminous binder Strand	Soils Strand	Aggregates Strand	Field Testing
Level 1	8							
Level 2	11							
Level 3	28	0-3	9					
Level 4	8	0-25	28	35	30-38	30	36-38	30
Level 5	8	0-4	32	32	40-55	91-115	66	35
Level 6		0-14						
Level 7		0-10						
Totals	63	Min 3	69	67	Min 70	Min 91	Min 102	65
Qualification total for strand			135	133	136	157	168	131

The level of a national certificate is set on a count back from the highest level credits. This process results in all Laboratory senior technician qualifications being at level 5 on the national qualifications framework. The credit value would suggest that people starting these qualifications with no laboratory experience would be expected to take between 2 and 2 ½ years +/- to complete the qualification in a single discipline (strand) People wishing to complete more than one stand would need to complete the addition credits (unit standards) for the additional strand.

The technician qualification is not an entry requirement for the senior technician qualification however within strands the lower level technician unit standards are prerequisites to the higher level qualification. Because of this the prerequisite unit standards have been embedded in the senior technician qualification.