

RATIONALE -CHANGES QUALIFICATIONS AND SKILL SETS

Qualification	Proposed change and why
CPP20116 Certificate II in Surveying and Spatial Information Services	<p>It is proposed to delete the Certificate II in Surveying and Spatial Information Services.</p> <p>Why?</p> <p>The Certificate II is a pre-vocational qualification and has no job-related outcomes. There is negligible demand as demonstrated by the national VOCSTATS data showing low enrolments and zero completions between 2015 - 2018. Four TAFEs have the qualification listed on scope however no organisation is currently offering the qualification.</p> <p>Removing the qualification would align with one of the COAG Industry Skills Council reforms to training packages, which is to remove low use qualifications from the system.</p>
CPP30216 Certificate III in Surveying and Spatial Information Services	<p>It is proposed to delete the Certificate III in Surveying and Spatial Information Services and integrate units with relevant skills and knowledge into the Certificate IV.</p> <p>Why?</p> <p>This is an introductory qualification and has limited vocational outcomes. A Certificate IV level qualification is considered entry level by the industry.</p> <p>There are four RTOS with the qualification on scope. However, only North Metropolitan TAFE (WA) and TAFE NSW currently offer the qualification. Delivery is concentrated in NSW.</p> <p>In many instances the skills and knowledge of the Certificate III units is embedded or duplicated in a corresponding Certificate IV unit.</p> <p>Removing units that duplicate content aligns with one of the COAG Industry Skills Council reforms to training packages, which is to improve the efficiency of the training system at unit level.</p>
CP40216 Certificate IV in Surveying, and CPP40316 Certificate IV in Spatial Information Services	<p>It is proposed to develop a new qualification, which combines the <i>Certificate IV in Surveying</i> and the <i>Certificate IV in Spatial Information Services</i>. The Certificate IV in Surveying and Spatial Information Services proposed has specialist elective streams. The packaging rules enable a general outcome or a specialisation in either surveying or spatial information services. The specialisation would be recognised on the testamur.</p> <p>Why?</p> <p>There is significant overlap between the current <i>Certificate IV in Surveying</i> and the <i>Certificate IV in Spatial Information Services</i> with 11 units in common. A</p>

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	<p>combined qualification reflects the convergence of the knowledge and skills in these two areas.</p> <p>There is demand for the <i>Certificate IV in Surveying</i> as demonstrated by consistent enrolment numbers. On average there were 315 enrolments per year between 2015-2018. Enrolments were strongest in NSW and WA followed by Victoria, SA and Queensland.</p> <p>Enrolments for the <i>Certificate IV in Spatial Information Services</i> however are low. There are limited vocational outcomes. Enrolments across Australia peaked in 2015 at 123, but dropped to 78 by 2018, a decrease of approximately 36%. TAFE NSW is currently the only RTO offering the qualification.</p>
CPP50116 Diploma of Surveying	<p>It is proposed to review and redevelop the Diploma of Surveying.</p> <p>Why?</p> <p>The redevelopment of the diploma is based on the assumption that the Advanced Diploma of Surveying is deleted. (For the rationale for the proposed deletion of the Advanced Diploma see below).</p> <p>The current Diploma and Advanced Diploma share seven units in common. The remaining Advanced Diploma units are proposed to be incorporated into the Diploma. Hydrography units are also proposed to be included. This provides a broader range of electives and better reflects the different types of surveying work.</p> <p>The revised packaging rules enable a general outcome in surveying or specialist outcomes in land and engineering surveying, mining or hydrography.</p>
CPP50216 Diploma of Spatial Information Services	<p>It is proposed to review and update the Diploma of Spatial Information Services.</p> <p>Why?</p> <p>This qualification meets a niche demand from individuals who are trained in other disciplines but are working in team leader roles in local government asset management.</p>
CPP60116 Advanced Diploma of Surveying	<p>It is proposed to delete the Advanced Diploma of Surveying.</p> <p>Why?</p> <p>Of the 17 units listed for the Advanced Diploma, seven of these are also in the Diploma of Surveying. Transferring the remaining 10 units into the Diploma of Surveying and adjusting the packaging rules would result in a stronger Diploma of Surveying.</p> <p>There is limited uptake of the <i>Advanced Diploma of Surveying</i> with only Victoria (RMIT) and WA (North Metropolitan TAFE) currently offering it.</p> <p>According to NCVER data enrolments are low.</p>

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	<p>In the years 2015 – 2018, WA enrolments averaged around 40 per year and in Victoria around 54 per year. Feedback from Victoria is that the range of elective units, which focus on mining, does not meet the local needs. In Victoria the <i>Advanced Diploma of Surveying</i> provides a recognised pathway with credit into the RMIT degree courses. Under the Australian Qualifications Framework (AQF) a Diploma of Surveying could also be recognised.</p> <p>In WA the vocational education and training qualifications are associated with the requirements for <i>The Authorised Mine Surveyor's Certificate of Competency</i>, details of which are available at Department of Mines, Industry, Regulation and Safety, WA. Both Diploma and Advanced Diploma level are applicable.</p> <p>Removing the qualification would align with one of the COAG Industry Skills Council reforms to training packages, which is to remove low use qualifications from the system.</p>
SKILL SETS	
CPPSS00003- Collect and Integrate Spatial Data	<p>It is proposed to delete the skill sets.</p> <p>Why?</p> <p>Skill sets comprise one or more endorsed units of competency that have been packaged together to address a defined industry need or specific licensing/regulatory requirement.</p> <p>The 13 surveying and spatial information services skill sets were developed in 2011 and have never been reviewed. It is doubtful that they fulfill a current workforce training need. The units they contain have not been updated and transitioned to the latest <i>Standards for Training Packages</i></p>
CPPSS00015- Implement Best Practice in Spatial Information Projects	
CPPSS00018- Induction to Surveying and Spatial Information Services	
CPPSS00030- Perform Spatial Data Collection and Surveying	
CPPSS00034- Provide Support in Spatial Field Services	
CPPSS00035- Provide Technical Assistance in Spatial Information Systems Development	
CPPSS00037- Provide Technical Assistance with Spatial Data Collection	
CPPSS00042- Undertake Spatial Remote Sensing	
CPPSS00043- Use Spatial Web Applications for Mapping	

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*CPPSS00027- Perform Basic Spatial Drafting	
CPPSS00002- Apply Planning Law to Surveying	
CPPSS00026- Perform Applied Engineering Surveying	
CPPSS00038- Provide Technical Assistance with Surveying	