

<b>Course Name:</b>	Vocational Graduate Certificate in Architectural Digital Illustration
<b>National Course Code:</b>	39157QLD
<b>Nominal Duration:</b>	240 Hours – Supervised 120 hours – Unsupervised (Optional)
<b>Accreditation Dates</b>	04.08.2006 – 03.08.2011
<b>Course Outcomes:</b>	<p>On successful completion of the course, learners will be able to manage the complex processes associated with the production of architectural (virtual) images of the highest quality in a web based context.</p> <p>39157QLD Vocational Graduate Certificate in Architectural Digital Illustration focuses on industry outcomes with less emphasis on an academic discipline. This course offers:</p> <ul style="list-style-type: none"> <li>• a short-cycle VET sector graduate pathway alternative to University</li> <li>• a VET sector pathway from the Bachelor Degree for specialist industry or enterprise competencies.</li> </ul> <p>On completion of this course, learners will be equipped with the vocational skills deemed essential for appointment to a range of senior positions in design organisations, and to manage high-level digital design presentation skills using cutting-edge software combined to produce three dimensional (3D) architectural design images of the highest quality, using both static and animated perspectives.</p> <p>In addition to high-level practical skills in an extremely complex, technical and highly specialised area of work, people in these senior positions require high level specialist skills blending sophisticated computer expertise with a deep philosophical understanding of design concepts in a highly competitive marketing environment.</p> <p><b>Outcomes will include:</b> Creating digital 3D architectural wire mesh models of complex designs which may be viewed from desired locations.</p> <ul style="list-style-type: none"> <li>• Application of rendered images providing material finishes, surface textures and lighting solutions to 3D compositions.</li> <li>• The design of a functioning website and an interactive CD-ROM presentation with the ability to interact with the proposed virtual project.</li> </ul> <p>The overall outcome for a learner is consistent with the distinguishing features of a Vocational Graduate Certificate level in accordance with the <i>Australian Qualifications Framework</i>.</p> <p>Competencies within this course require the learner to:</p> <ul style="list-style-type: none"> <li>• demonstrate the self-directed development and achievement of broad and/or specialised areas of knowledge and skills building on prior knowledge and skills</li> <li>• initiate, analyse, design, plan, execute and evaluate major broad or specialised technical and/or management functions in highly varied and/or highly specialised contexts</li> <li>• generate and evaluate ideas through the analysis of information and concepts at an abstract level</li> <li>• demonstrate a command of wide-ranging, highly specialised technical, creative or conceptual skills in complex contexts</li> <li>• demonstrate responsibility and broad ranging accountability for personal outputs</li> <li>• demonstrate responsibility and broad-ranging accountability for the structure, management and output of the work of others and/or functions.</li> </ul>
<b>Entry Requirements:</b>	<p>Learners may enrol in 39157QLD Vocational Graduate Certificate in Architectural Digital Illustration through a number of entry points which demonstrate their potential to undertake study at a graduate level, including:</p> <ul style="list-style-type: none"> <li>• a Bachelor Degree specialising in design</li> <li>• a relevant Advanced Diploma or Diploma, or a relevant Certificate IV or</li> </ul>

	<p>Certificate III, together with significant relevant vocational practice</p> <ul style="list-style-type: none"> <li>other higher level education qualifications, with relevant vocational experience which is indicative of success, including mature age entry for workers wishing to seek employment in the industry areas of digital illustration and design</li> <li>relevant extensive industry experience without formal qualifications.</li> </ul> <p><b>Advice on entry competencies</b></p> <p>Learners undertaking 39157QLD Vocational Graduate Certificate in Architectural Digital Illustration should possess competency in computer-aided drafting at a two dimensional (2D) level or relevant Computer-Aided Drafting (CAD) work experience.</p>																																					
<p><b>Requirements To Receive The Qualification:</b></p>	<p>To be eligible to receive 39157QLD Vocational Graduate Certificate in Architectural Digital Illustration, learners are required to successfully complete all four core units of competency.</p>																																					
<p><b>Exit Points:</b></p>	<p>Learners who exit the course prior to completion will receive a Statement of Attainment for those units of competency attained.</p>																																					
<p><b>Course Structure:</b></p>	<p><b>4. Course Rules</b></p> <p><b>4.1 Course structure</b></p> <p>39157QLD Vocational Graduate Certificate in Architectural Digital Illustration comprises:</p> <ul style="list-style-type: none"> <li>Four core units of competency</li> </ul> <table border="1" data-bbox="499 1117 1410 1727"> <thead> <tr> <th colspan="4">39157QLD Vocational Graduate Certificate in Architectural Digital Illustration Core Units of Competency</th> </tr> <tr> <th>Competency Code</th> <th>Competency Title</th> <th>Source</th> <th>Nominal Hours (Supervised)</th> </tr> </thead> <tbody> <tr> <td>ADI801A</td> <td>Produce and manage a digital 3D model in an architectural context</td> <td>CDAC</td> <td>60</td> </tr> <tr> <td>ADI802A</td> <td>Produce photo-realistic digital images from an architectural 3D model</td> <td>CDAC</td> <td>60</td> </tr> <tr> <td>ADI803A</td> <td>Build a website for an architectural digital presentation</td> <td>CDAC</td> <td>60</td> </tr> <tr> <td>ADI804A</td> <td>Build an interactive CD-ROM for an architectural digital presentation</td> <td>CDAC</td> <td>60</td> </tr> <tr> <td colspan="3"><b>TOTAL CORE HOURS</b></td> <td><b>240</b></td> </tr> </tbody> </table> <table border="1" data-bbox="499 1778 1410 1915"> <thead> <tr> <th colspan="3">Optional Delivery Requirement</th> </tr> <tr> <th>Code</th> <th>Name</th> <th></th> </tr> </thead> <tbody> <tr> <td>VPC120</td> <td>Vocational placement</td> <td>120 hours</td> </tr> </tbody> </table> <p>RTOs that utilise vocational placement as part of their delivery strategy must ensure that a vocational placement scheme application is lodged as required by the <i>Vocational Education, Training and Employment Act 2000</i>.</p>	39157QLD Vocational Graduate Certificate in Architectural Digital Illustration Core Units of Competency				Competency Code	Competency Title	Source	Nominal Hours (Supervised)	ADI801A	Produce and manage a digital 3D model in an architectural context	CDAC	60	ADI802A	Produce photo-realistic digital images from an architectural 3D model	CDAC	60	ADI803A	Build a website for an architectural digital presentation	CDAC	60	ADI804A	Build an interactive CD-ROM for an architectural digital presentation	CDAC	60	<b>TOTAL CORE HOURS</b>			<b>240</b>	Optional Delivery Requirement			Code	Name		VPC120	Vocational placement	120 hours
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<p><b>Human Resource Requirements:</b></p>	<p>All RTOs delivering this course must ensure that trainers meet the requirements of Standard 7 “<i>The competence of RTO staff</i>” within the <i>AQTF Standards for Registered Training Organisations</i>.</p> <p>The CDAC has provided the following guidance on the vocational competency for trainers delivering this course:</p> <ul style="list-style-type: none"> <li>those delivering training must demonstrate their Australian vocational competency through holding post-graduate qualifications to recognised university standards in architecture or a related field and having relevant recent experience in teaching architecture and building design.</li> </ul> <p>As required for the <i>Disability Standards for Education 2005</i>, RTOs must ensure that trainers possess current skills to meet the needs of diverse learners, particularly people with a disability.</p> <p>This can be demonstrated through achievement of TAAENV402A <i>Foster and promote an inclusive learning culture</i> or evidence of equivalent skills.</p>
<p><b>Physical Resources:</b></p>	<p>All RTOs delivering the course must have access to the facilities, equipment, training and assessment materials required to provide the training and/or assessment services within its scope of registration and scale of operations, to accommodate client numbers, client needs, delivery methods and assessment requirements (including off-campus and on-line delivery), in accordance with the requirements of Standard 9.4 within the <i>AQTF Standards for Registered Training Organisations</i>.</p> <p>The specialised facilities and equipment required are:</p> <ul style="list-style-type: none"> <li>the use of assistive software and equipment to facilitate access to information and learning activities</li> <li>design studio with appropriate multi-media hardware and software for CAD, digital rendering, web design and CD-ROM design</li> <li>audio-visual teaching aids</li> <li>A1 digital colour laser printer</li> <li>colour printer for CD-ROM labelling</li> <li>digital camera</li> <li>DVD and CD-ROM burner.</li> </ul> <p><b>Note:</b> Changes to technology will have significant impact on this course. The list of resources will need to be updated as new technologies and software become available.</p>