

SELF-ASSESSMENT GUIDE

| Qualification: | 3D ANIMATION NC III | |
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| COC 1: | PRODUCE KEY DRAWINGS FOR ANIMATION | |
| <p>Instruction:</p> <ul style="list-style-type: none"> • Read each of the questions in the left-hand column of the chart. • Place a check in the appropriate box opposite each question to indicate your answer. | | |
| Can I? | YES | NO |
| • Interpret animation specifications to meet requirements | | |
| • Identify all relevant animation requirements from the storyboard, layouts and director's instructions or camera sheet | | |
| • Identify animation requirements from the timings and soundtrack breakdown | | |
| • Identify and prepare all necessary materials and equipment to be used according to the task to be undertaken | | |
| • Calculate intermediate positions of figure along a path that marks important visual transition/extremes of action | | |
| • Produce and complete key drawings with relevant details from material and styles | | |
| • Produce and compile drawings with soundtrack breakdown | | |
| • Ensure the quantity of key drawings produced are within the standard set for the agreed design/model and sufficient to establish the action | | |
| • Produce key drawings within the constraints and types of production | | |
| • Undertake line test to ensure smooth flow of movement | | |
| • Make corrections to key drawings, animated elements and images after review by relevant personnel | | |
| • Label key drawings with animation breakdowns | | |
| • Identify and store key drawings in accordance with company procedures | | |
| <p>I agree to undertake assessment in the knowledge that information gathered will only be used for professional development purposes and can only be accessed by concerned assessment personnel and my manager/supervisor.</p> | | |
| Candidate's signature: | Date: | |

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| COC 2: | PRODUCE CLEANED-UP AND IN-BETWEENED DRAWINGS | |
| Instruction: | | |
| | <ul style="list-style-type: none"> • Read each of the questions in the left-hand column of the chart. • Place a check in the appropriate box opposite each question to indicate your answer. | |
| Can I? | YES | NO |
| • Identify all relevant clean up requirements from the appropriate source material | | |
| • Check all key drawings and refer any problems or errors encountered to appropriate personnel | | |
| • Check all animation breakdowns against the camera sheet, and refer any problems or errors to relevant personnel | | |
| • Identify and prepare all necessary materials and equipment according to the task undertaken | | |
| • Produce cleaned-up drawings in consistency with requirements of source materials and within the constraints of the production* | | |
| • Match and model cleaned-up drawings to animators' keys* | | |
| • Copy and number all animation breakdowns accurately onto cleaned-up drawings | | |
| • Refer any revision or correction required to relevant personnel | | |
| • Record and store cleaned-up drawings properly in accordance with company procedures and policies | | |
| • Identify and check requirements for in-betweened drawings | | |
| • Produce in-betweened drawings within the constraints of the production and reflects the information contained in the animation breakdowns, agreed design and standards* | | |
| • Produce cleaned-up drawings in compliance with supplied soundtrack breakdown* | | |
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| COC 3: | CREATE 3D DIGITAL ANIMATION | |
| Instruction: | | |
| | <ul style="list-style-type: none"> • Read each of the questions in the left-hand column of the chart. • Place a check in the appropriate box opposite each question to indicate your answer. | |
| Can I? | YES | NO |
| • Identify all 3D animation requirements including technical and production specifications and soundtrack requirements | | |
| • Identify and select 3D animation software in accordance with the specified delivery platform* | | |
| • Identify and apply appropriate tools and features of the selected program to meet creative and technical requirements | | |
| • Create model and set-up environment layout for 3D* production as appropriate to the required 3D model | | |
| • Apply pre-defined textures using texture mapping parameters as required | | |
| • Define and apply camera control options and appropriate rendering parameters to achieve the required creative outcome | | |
| • Use object motion hierarchies to achieve the required motion effect | | |
| • Prepare, label and store back-ups of models and images in accordance with company procedures and industry standards of documentation | | |
| • Test and combine 3D model motion with other media to create required digital animation sequence | | |
| • Ensure cross platform file transfers, digitize time coding and interface calibration to meet the requirements of technical and creative specifications | | |
| • Construct rigid and non-rigid objects as required by the design brief and storyboard* | | |
| • Combine objects into a single animated stream according to creative requirements and technical specifications* | | |

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| <ul style="list-style-type: none"> • Create simple and complex animated movements into static or moving backgrounds according to creative and technical requirements* | | |
| <ul style="list-style-type: none"> • Integrate animated objects or characters into static or moving backgrounds, using animation techniques available within software as required, and as appropriate according to the software* | | |
| <ul style="list-style-type: none"> • Apply time stamping techniques to animation frames* | | |
| <ul style="list-style-type: none"> • Apply textures, lighting and rendering as required in production* | | |
| <ul style="list-style-type: none"> • Incorporate sound where necessary based on soundtrack breakdown* | | |
| <ul style="list-style-type: none"> • Save and store 3D animation using appropriate and adequate file formats | | |
| <ul style="list-style-type: none"> • Present 3D animation sequences | | |
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| COC 4: | USE AN AUTHORING TOOL TO CREATE AN INTERACTIVE SEQUENCE | |
| <p>Instruction:</p> <ul style="list-style-type: none"> • Read each of the questions in the left-hand column of the chart. • Place a check in the appropriate box opposite each question to indicate your answer. | | |
| Can I? | YES | NO |
| • Identify and discuss range of authoring tools and their application to various multimedia projects | | |
| • Discuss purpose, scope, storyboard and design of multimedia projects | | |
| • Discuss technical requirements of the multimedia project and use of authoring program | | |
| • Use tools and features of software relevant to the authoring process* | | |
| • Create a new file for the specified task and name appropriately | | |
| • Import multimedia components into the authoring tool | | |
| • Apply design principles to the screen design and layout* | | |
| • Design screen and layout according to creative production requirements and technical specifications* | | |
| • Create buttons and other interactive elements* | | |
| • Link all components to storyboard | | |
| • Save and store data files, images, and audio in appropriate file format | | |
| • Check all links function and perform debugging to make sure that these are fully interactive* | | |
| • Incorporate in the final delivery platform all required changes in the sequence | | |
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