2D CHARACTER SET-UP

UNIT CODE: MD/CU/AN/CR/06/6/MA

Relationship to Occupational Standards
This unit addresses the unit of competency: prepare 2D animation character

Duration of Unit: 120 hours

Unit Description
This unit specifies the competencies required to prepare 2D animation character. It involves selecting character rig, developing character rig, testing character rig, skinning 2D character with the rig and testing rigged 2D character.

Summary of Learning Outcomes

Elements	Hours
Select character rig	20
Develop character rig	40
Test character rig	30
Test rigged 2D character	30
Total hours	**120**

Learning Outcomes, Content and Suggested Assessment Methods

Learning Outcome	Content	Suggested Assessment Methods

1. Select character rig	1.1 Introduction to 2D animation
	1.2 2D animation user interface
	1.3 Types of rigs
	   1.3.1 Cut-out rigs
	   1.3.2 Bone rigs
	   1.3.3 Hierarchy rig
	   1.3.4 Deformations
		• Observation
		• Oral questions
		• Third party report
		• Interviewing
		• Project and report writing

2. Develop character rig	2.1 Importing 2D character 2.2 Hierarchy set up 2.3 Setting pivots 2.4 Joints creation 2.5 Character rig constraints. 2.6 Character rig controls	• Observation • Oral questions • Third party report • Interviewing • Project and report writing

3. Test character rig	3.1 Character joints testing 3.2 Character rig control testing 3.3 Character rig constraints testing	• Observation • Oral questions • Third party report • Interviewing • Project and report writing
4. Test rigged 2D character	4.1 Testing of facial deformation 4.2 Limbs deformation 4.3 Body torso deformation 4.4 Test character animation	• Observation • Oral questions • Third party report • Interviewing • Project and report writing

Suggested Methods of Instruction
- Project
- Demonstration by trainer
- Practice by the trainee
- Discussions
- Direct instruction
- Case study
- Audio –visual aids

Recommended Resources

- Computers
- Audio recorder
- Internet
- Digital Cameras
- Magazines
- Animation films
- Text books
- Editing & recording studio
- Computer software
- Drawing sets
- Drawing tables
- A4 Colour scanner
- Stereo studio headset

- Digital Drawing Tablet
- Flash drives