

LEVEL 4 ASSESSMENT SPECIFICATION

Programme:	BA/MDes Automotive Design		
Module:	3D CAD and Visualisation		
Module code:	M4X02235	Contribution to Overall Module Assessment (%):	50%
Lecturer:	Andre Elista	Internal Verifier:	Paul Morrow
Assignment Title:	2D software application in design	Word count (or equivalent):	
Submission deadline:	January 10 2019	Return date of provisional marks & written feedback:	25 January 2019
Submission method:	Digital submission Alternative submission method (if applicable): Late submission of the assessment will result in a late penalty mark. Penalties for late submission: Up to one week late, maximum mark of 40%. Over one week late, 0%. Only the Extenuating Circumstances Panel may approve a change to submission dates.		

Module Learning Outcomes (from module syllabus)

understand and effectively apply visualisation techniques in a range of 2D digital image creation software tools to develop and communicate design concepts.

TASK DESCRIPTION

Lectures and demonstrations will introduce students to the fundamental techniques of 2D software and its application in Design development process. Students will then be supervised in practical CAD studio sessions where online tutorials, courseware and subject specific 'how to' exercises will be used to develop practical skills and understanding of the software applications. Practical skills tasks will enable students to relate their technical knowledge and skills to the implementation of 2D CAD within industrial design studio practice.

The module will be broken in the following major blocks:

1. Introduction to 2D software, interface and major tools
2. Simple manipulation of available images
3. Simple composition using available images
4. Quick shaded sketches
5. Concept rendering

Deliverables:

1. 1 modified image
2. 1 composition
3. Set of shaded sketches executed using 2D software
4. Set of 3 concept renderings executed using 2D software

All deliverable assignments must be completed on time and submitted via memory stick. Further submission details regarding venue, time and file format/size will be provided.

