



NATIONAL UNIVERSITY OF SCIENCE AND TECHNOLOGY

FACULTY OF THE BUILT ENVIRONMENT

DEPARTMENT OF ARCHITECTURE

COMPUTER AIDED ARCHITECTURAL DESIGN 1

AAR 2103

Supplementary Examination Paper

July 2016

This examination paper consists of 2 pages

Time Allowed: 4 hours

Total Marks: 100

Special Requirements: Window and Door Catalogue

Examiner's Name: Mr. Andrew Furusa

INSTRUCTIONS

1. Answer all questions
2. Question 1 to be completed on the PC.
3. Make sure that you save your work at 5 minute intervals.
4. Do not leave your PC/Workstation until your drawing has been collected on a flash disk by the Invigilator

MARK ALLOCATION

QUESTION	MARKS
1.	100
TOTAL	100

QUESTION 1

The exercise consists of an accurate design of a two bed-roomed house. The general floor layout is attached as APPENDIX 1. The windows and door codes from the Standard Monarch Catalogue along with the furniture are given as AutoCAD Blocks on the desktop of your computer.

STEP 1:

- (a.) Open the AutoCAD Application and save your drawing file under the name [STUDENT NUMBER] CAAD01/2015.

- (b.) Set the Layers, Text Styles, Line Types, Dimension's Style as is necessary to reproduce the given drawing.

STEP 2:

Redraw the FLOOR PLAN with all dimensions, hatching and relevant notes as shown on the attached APPENDIX 1. (45)

STEP 3:

Attached as APPENDIX 2 is an elevation, the North. Draw the Section C-C, and the South, East and West Elevations that are commensurate with the given floor plan, with all necessary notes and windows as shown in APPENDIX 1.

- i. Section C – C (15)
- ii. South, West & East Elevations (30)
- iii. Write notes with TEXT STYLE of your choice. (10)