MACHAKOS UNIVERSITY

University Examinations for 2019/2020 Academic Year

SCHOOL OF HUMANITIES AND SOCIAL SCIENCES

DEPARTMENT OF FASHION DESIGN AND MARKETING

FOURTH YEAR SPECIAL/SUPPLEMENTARY EXAMINATION FOR

BACHELOR OF SCIENCE IN FASHION DESIGN AND MARKETING

HFM 404: COMPUTER APPLICATION IN TEXTILE

DATE: 18/01/2021   **TIME: 2.00-4.00 PM**

INSTRUCTIONS:

 i) *This paper consists of **FIVE** questions.*
 ii) *Answer Question 1 and any other **two** questions.*
 iii) *Question 1=20 marks*
 iv) *Question 2 to 5=15 marks each*

QUESTION ONE (20 MARKS)

a)   State the following terms as used in Computer fashion application

  i.   CAD work station   (2 marks)

  ii.   CAM   (2 marks)

b)   Explain **THREE** (3) fundamental transformation tools used in adobe illustrator by a fashion designer   (3 marks)

c)   Give **SIX** (6) factors to consider when purchasing computer for CAD in fashion   (6 marks)

d)   Highlight **TWO (2)** limitations of CAD for drafting patterns   (2 marks)

e)   Demonstrate to a group of students FIVE (5) steps of creating a jacket and filling it with a color swatch in Adobe illustrator   (5 marks)

QUESTION TWO (20 MARKS)

Describe FIVE elements in the collapsed panel of adobe illustrate that a fashion designer would use to monitor and modify illustrations.

QUESTION THREE (15 MARKS)

Write an essay on why a design company would prefer using CAD pattern drafting over manual drafting

QUESTION FOUR (15 MARKS)

Discuss the application of CAD/CAM in the production phase in garment industry today

QUESTION FIVE (15 MARKS)

Evaluate a range of hardware you would find in a typical CAD workstation