



# 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

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## 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