

ENGINEERING MECHANICS BAA1113

QUIZ 2

by

*Dr Nurul Nadrah Aqilah bt Tukimat
Faculty of Civil Engineering & Earth Resources
nadrah@ump.edu.my*

QUIZ 2 (CO 2)

- a) Locate the centroid (\bar{x}, \bar{y}) of the member's cross-sectional area for Figure 1 below. *(10 marks)*
- b) Determine a new centroid of the cross-sectional area if the width size of ABCD is changed from 40 mm to 60 mm. Sketch a new location of centroid for this structure. *(5marks)*

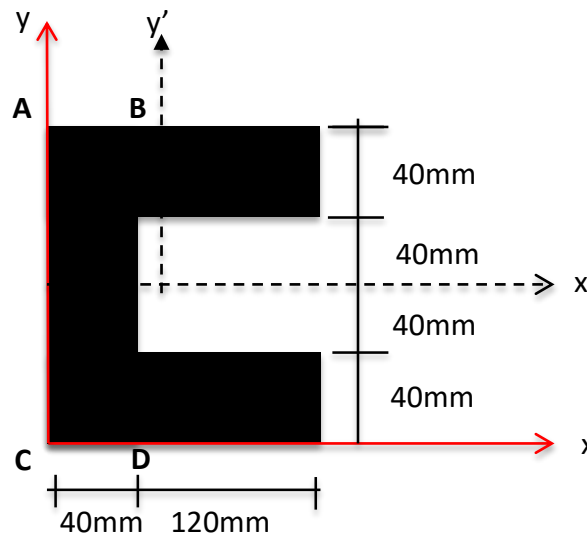


Figure 1