

## ITA0520 – Computer Vision For Image Analysis

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Experiment 3:

Perform basic Image Handling and processing operations on the image is to read an image in python and Convert an Image to show outline using Canny function.

**Code:**

```
import cv2

image = cv2.imread("Person.jpg")

gray = cv2.cvtColor(image, cv2.COLOR_BGR2GRAY)

blur = cv2.GaussianBlur(gray, (5, 5), 0)

edges = cv2.Canny(blur, 50, 150)

cv2.imshow("Original Image", image)

cv2.imshow("Canny Edge Detection", edges)

cv2.waitKey(0)

cv2.destroyAllWindows()
```

**Output:**

