# **CS385 Computer Vision**

# **Lab-3: Edge Detection**

# **100 points**

**Task :**

For this Lab assignment you will implement Canny's edge detection algorithm. You can use basic linear algebra operations provided by numpy in Python. Your main function should take as input a grayscale image and the edge detection parameters. The output of your function should be a binary image with the results of edge detection. Compare your implementation with built in routines in opencv.

**Submission:**

Demonstrate your work . Also submit as a single file the code and results.

<https://u.pcloud.com/#page=puplink&code=DUakZlYFDvr3O5FY3oILoO4FL6poSMHsX>