

Robot Manipulators and Automation

AUTO4507

Lab Assignment 7 – *Group* – Conveyor Belt

Points: 5+5 = 10

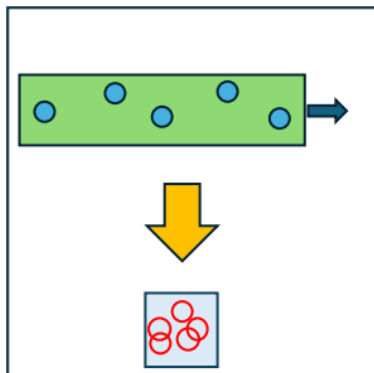
Experiment 1 – Stacking Objects

Collect 4 stationary objects and stack them on top of each other as two piles of two objects each.

Experiment 2 – Moving Objects

Four objects will move past the robot on a conveyor belt with irregular distances.

Use the camera system and calculated timing to pick up each object and place it into a bin.



The conveyor belt will run at 20% speed.