

Sheet1

Task	Available Marks	Assigned
Show calcs to determine tool offset as a homogeneous transform matrix	4	4
Place robot according to student number. Choose location for the drum based upon the base location	4	4
Show how you used inverse kinematic solver to find a starting pose	2	2
Slow enough to perform blasting motion	10	7
Just fast enough to overload the arm	15	0
Graphs were provided with respect to angles, velocities, accelerations, but not torque		
	35	17
Participate in the week 11 class discussion via Zoom and present 1 slide	8	8
Post a recent / relevant link to a video (2) and scholarly article(2). Include a brief comment on interesting facts that you discovered upon reading / viewing	8	6
Post a critical and considered comment responding to at least one other student's discussion	4	2.5
In what ways do you imagine that robots be more integrated in your life within the next 5 years	20	14
Discuss your professional opinion backed by evidence, and own experience in 41013 Robotics about the technical challenges that would need to be overcome before technology could be applied in that way	20	15
	60	45.5
TOTALS		
Potential	95	Actual
		62.5