Course Goals: Interdisciplina	3		1
Name: Kyson Montague	Major:	ECÉ	
Our priorities: multidisciplinary teams; you	ur preferences; person	ality match	
People In Class you want to work with (Na	me <u>AND</u> Major, pick u	p to 3):	
Please note that groups will be <u>assigned</u> in teams of	3 based on your choices, m	najor, expertise and not guaranteed to be	on your list.
Jon Dallas ECE			
Robert Williams ME			
How strongly you feel about it, and why:			
I've worked with Jon abit	in the Past and h	e is an excellent resour	ie to
have for hordware lembedoed deve	elopment-		
Robert has experience in the ma	chine shop and seems	to be quite motivated to go	t the project moving
Your expertise is in (code, building things,	circuits):		
code & circults mostly (embe	edded design esp	aidly)	
Built Projects Before (give examples): X YE	<u>NO</u>		
Several electrical projects for a	class, some hobby	Projects, texpot, etc.	
Access to MIME machine shop? YE Programming Languages You know (C, C++	-, Java, Matlab, etc):		
C/C++, Java, Python, Sash, AR)		matlab, ferl	
Familiar with microcontrollers:			
Definitely mostly AVR, Ven	I comfortable using	all 83it Tiny, Mesa & A	790 UB
Have you soldered/wired circuits before?	YES NO		
Thave you soldered, when the checkes before.		1	
Tons of Stuff for Class	(PCB & protos	oorig)	
What Sensors have you used before?(IR, A	Accelerometer, Gyro, e	etc):	
IR, Accelerameter, Current,	temp, anything	W/ ADC	
You most want to learn about:			
Embedded control systems (interfa	relig a competer	to motors, actuators, servos,	e+1\
Computer Vision to seeting /40		,	

Initial Design INLUDES THE FOLLOWING COMPONEUTS:

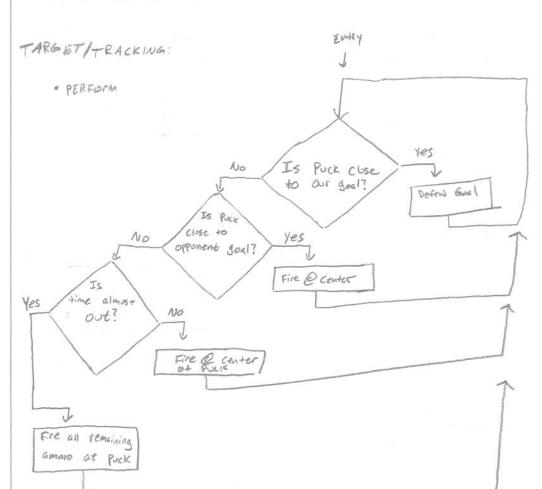
TARGETING / TRACKING MECHANISM (SENSE)

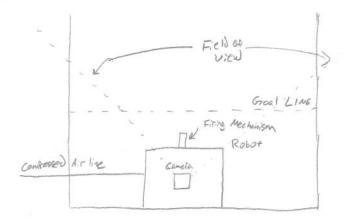
GAME DECISION ENGINE

(THINK)

PROJECTILE AIM & FIRE

(ACT)





Side:

