






MEAM.Design : ESAP Robotics

Tasks

(Note: all assignments and project components are due at the BEGINNING of the day, unless otherwise specified)

Date	Morning	Afternoon	Assignments Due	Project Deadlines
01 Mon, 7/6	CAD, prototyping, electronics I 	SolidWorks I, lab safety	Survey (after lunch)	
02 Tue, 7/7	electronics II 	SolidWorks II, work time In-Class SW Engine (remember to unzip the files)	A1 (tags) , A2 (VIR)	
03 Wed, 7/8	m2/mX, C programming I 	work time	A3 (IR sensors)	
04 Thu, 7/9	C Programming II 	work time Line Follower	-	
05 Fri, 7/10	Additive manufacturing 	SolidWorks III	A4 (mX bot)	

mRF Wireless Module



07 Tue, 7/14 Circuit Prototyping,
Debugging

08 Wed, Master Lecture
7/15



09 Thu, 7/16

10 Fri, 7/17

11 Mon, Admissions Workshop
7/20

12 Tue, 7/21

13 Wed,
7/22

14 Thu, 7/23

15 Fri, 7/24

Connectors & USB Debugging

Lockheed Martin tour

[A6 \(Wireless\)](#)

[ROBOTANK \(Concept
Reviews\)](#)

[ROBOTANK \(Beacon Lock\)](#)

[ROBOTANK \(Firing Test\)](#)

[ROBOTANK \(Driving Test\)](#)

[ROBOTANK \(Competition\)](#)

Resources

[Links to Useful Resources, Datasheets, etc.](#)

[M2 Custom Function Library](#)

[Grades and Course Materials](#)