Weekly team reports are due no later than 5:00 p.m. on Canvas. In additior
of this report to your Project Leader. To use this report, update your tasks a
Report tab. Those updates will automatically be updated on this page. In a
your Atrack Excel file which contains the attendance records for this week.
the team and each task using the drop down menu. When done, upload thi
it to your Project Leader.

n, you should also send a copy
and subtasks on the Team Task
ddition, you will also update
Finally, update the status for
s Excel file to Canvas and email

M:2:I Team Weekly Report

Weekly team reports are due no later than 5:00 p.m.

Project Information	
Project Name	MAVRIC
Team name	Electrical
Team Leader Name	James Talbert
Week Number	12
Attendance Records	
Number of Students Present	8
Number of students Not Present	0
Team Status Report	
Currently the team is:	On Track

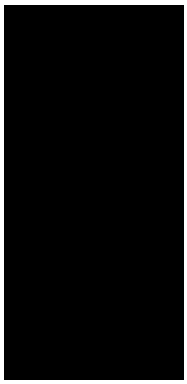
Please put any comments below on the overall status fo the team:

This week was dominated by the CDR and Milestone 1 report. Team members who were still working on the drive system up to now were re-assigned to work on the Science or Autonomous systems. With the news that we are not going to competition, the arm is being redesigned, and so there is litle value to any work the electrical team can do with the arm for now. Our power switch and battery conectors have arrived. We are persuing completion of the autonomous control code, but due to GPS problemsmodule issues (long startup time) we plan to simulate the GPS and compass data for now. Over the summer, I want to do testing with other options (other GPS and compass modules).

Task Report			
Milestone/Task	**Due Date**	**Progress**	On Track
Drive System	3/18/2018	83%	On Track
Assembly	2/23/2018	100%	On Track
E-Box	2/23/2018	100%	On Track
Wiring	2/23/2018	100%	On Track
Programming	3/2/2108	100%	On Track
Validation	3/2/2108	100%	On Track
Control Systems	3/2/2108	100%	On Track
Navigation	3/18/2018	100%	On Track
Selecting/Procuring	3/18/2018	100%	On Track
Interfacing to sensors	3/18/2018	100%	On Track
Field Testing (iterative)	3/18/2018	33%	Off Track
Howe Hall Atrium	3/18/2018	100%	On Track
Richardson Ct. Asphault pile	3/18/2018	0%	Off Track
Road Trip?	3/18/2018	0%	Off Track
Everything Else	4/23/2018	15%	High Risk
Science System	4/23/2018	18%	On Track
Software	4/23/2018	0%	On Track
Wiring	4/23/2018	35%	At Risk
E-Box	4/23/2018	30%	On Track

SS Power/Control lines	4/23/2018	40%	At Risk
Autonomous Driving	4/23/2018	40%	On Track
Navigation Integration	4/23/2018	40%	On Track
Control Software	4/23/2018	40%	On Track
Arm	4/23/2018	3%	Off Track
Wiring	4/23/2018	10%	Off Track
E-Box	4/23/2018	0%	On Track
Arm Power/Control	4/23/2018	20%	Off Track
Software	4/23/2018	0%	Off Track
Validation	4/23/2018	0%	Off Track
Integration Testing	6/1/2018	0%	Off Track

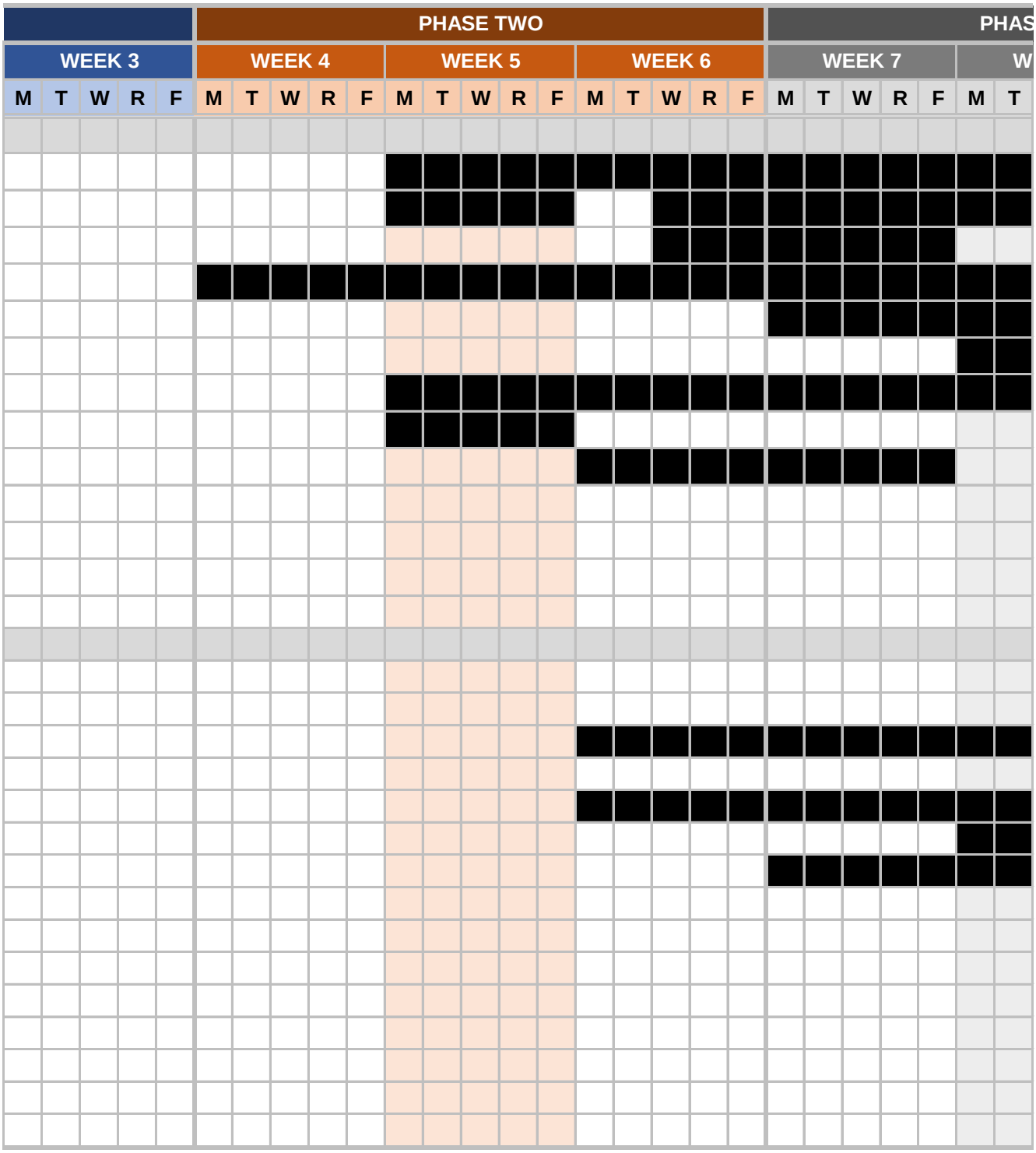
[redacted]



M:2:I Team Task Chart

WORK BKDN STRUCTURE	TASK TITLE	TASK OWNER
1	Drive System	James Talbert
1.1	Assembly	
1.1.1	E-Box	Jensen Mayes
1.1.2	Wiring	Brady Anderson
1.2	Programming	Shivam Vashi
1.2.1	Validation	Jefferson O'Brien
1.2.2	Control Systems	Jefferson O'Brien
1.3	Navigation	Morgan Foley
1.3.1	Selecting/Procuring	Morgan Foley
1.3.2	Interfacing to sensors	Morgan Foley
1.4	Field Testing (iterative)	[This is a group task]
1.4.1	Howe Hall Atrium	
1.4.2	Richardson Ct. Asphault pile	
1.4.3	Road Trip?	
2	Everything Else	James Talbert
2.1	Science System	
2.1.1	Software	Shivam Vashi
2.1.2	Wiring	Jensen Mayes
2.1.2.1	E-Box	Alex Vande Loo
2.1.2.2	SS Power/Control lines	Jensen Mayes
2.2	Autonomous Driving	Brady Anderson
2.2.1	Navigation Integration	Morgan Foley, Jake Raymer
2.2.2	Control Software	Brady Anderson, Jefferson O'
2.3	Arm	[
2.3.1	Wiring	[
2.3.1.1	E-Box	[
2.3.1.2	Arm Power/Control	[
2.3.4	Software	[
2.3.5	Validation	[
2.4	Integration Testing	

START DATE	DUE DATE	DURATION	PCT OF TASK COMPLETE	PHASE ONE									
				WEEK 1					WEEK 2				
				M	T	W	R	F	M	T	W	R	F
	3/18/2018		83%										
1/2/2018	2/23/2018		100%										
1/2/2018	2/23/2018		100%										
1/2/2018	2/23/2018		100%										
1/2/2018	3/2/2108		100%										
1/2/2018	3/2/2108		100%										
1/2/2018	3/2/2108		100%										
1/2/2018	3/18/2018		100%										
1/2/2018	3/18/2018		100%										
1/2/2018	3/18/2018		100%										
3/2/2108	3/18/2018		33%										
3/2/2108	3/18/2018		100%										
3/2/2108	3/18/2018		0%										
3/2/2108	3/18/2018		0%										
	4/23/2018		15%										
2/23/2018	4/23/2018		18%										
3/18/2018	4/23/2018		0%										
2/23/2018	4/23/2018		35%										
3/18/2018	4/23/2018		30%										
2/23/2018	4/23/2018		40%										
2/23/2018	4/23/2018		40%										
3/1/2018	4/23/2018		40%										
2/23/2018	4/23/2018		40%										
Depends on Mech	4/23/2018		3%										
Depends on Mech	4/23/2018		10%										
Depends on Mech	4/23/2018		0%										
Depends on Mech	4/23/2018		20%										
Depends on Mech	4/23/2018		0%										
Depends on Mech	4/23/2018		0%										
	6/1/2018		0%										


PHASE TWO
PHAS
WEEK 3
WEEK 4
WEEK 5
WEEK 6
WEEK 7
W
M T W R F M T W R F M T W R F M T W R F M T W R F M T
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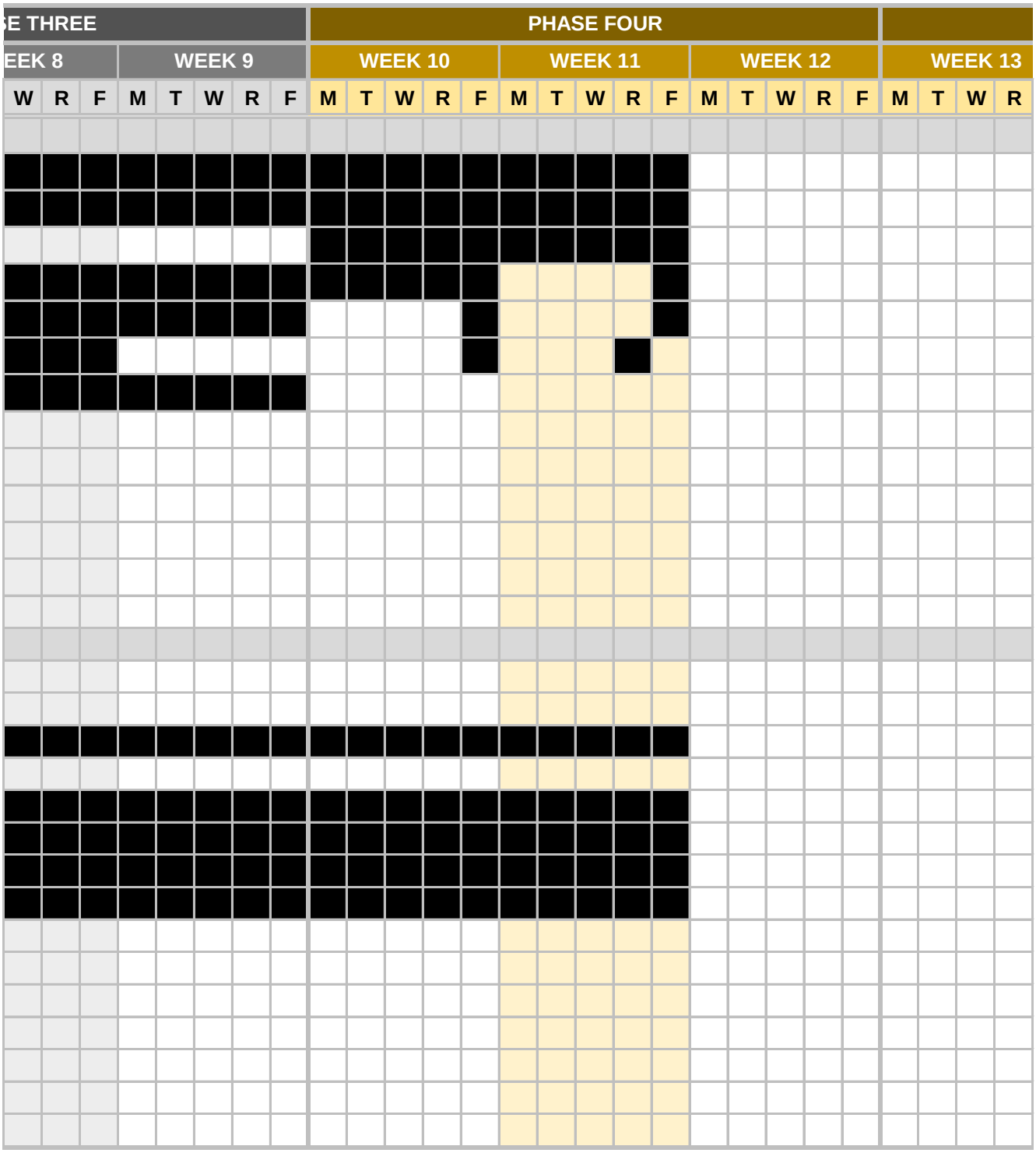
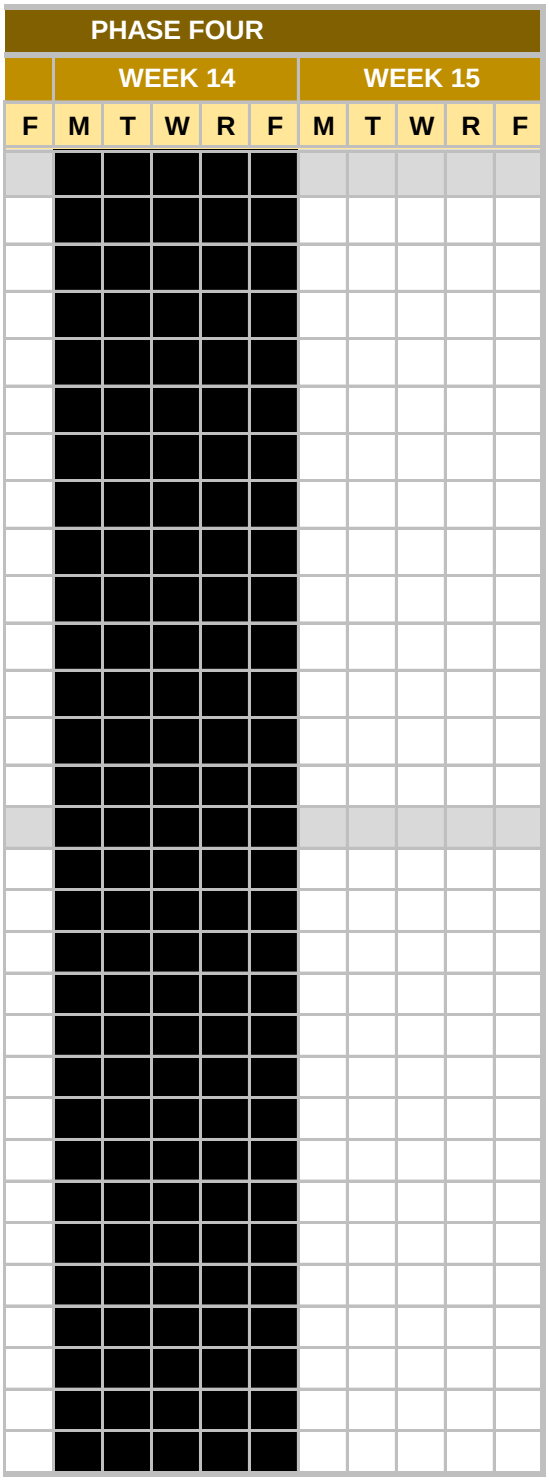

E THREE
PHASE FOUR
EEK 8
WEEK 9
WEEK 10
WEEK 11
WEEK 12
WEEK 13
W R F M T W R F M T W R F M T W R F M T W R F M T W R
M T W R


PHASE FOUR
WEEK 14
WEEK 15
F M T W R F M T W R F