

# P08101: METEOR Instrumentation Platform

## PROJECT SCHEDULE FOR 2007-1

SEPTEMBER				OCTOBER				NOVEMBER		
09.01.2007	09.08.2007	09.15.2007	09.22.2007	09.29.2007	10.06.2007	10.13.2007	10.20.2007	10.27.2007	11.03.2007	11.10.2007
09.07.2007	09.14.2007	09.21.2007	09.28.2007	10.05.2007	10.12.2007	10.19.2007	10.26.2007	11.02.2007	11.09.2007	11.16.2007
WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 5	WEEK 6	WEEK 7	WEEK 8	WEEK 9	WEEK 10	WEEK 11

No	Tasks	Task Leader	Start	End	Days
<b>1</b>	<b>Video Transmitter</b>	Christopher J. Fisher	09.03.2007	11.17.2007	75
1.1	Review of previous team's work		09.07.2007	09.27.2007	21
1.2	Determine customer's needs and complete specifications paperwork		09.07.2007	09.13.2007	7
1.3	Review customer specifications and begin concept development		09.14.2007	09.20.2007	7
1.4	Finalize concept selection and prepare for Concept Design Review		09.21.2007	10.04.2007	14
1.5	Adjust concept design as necessary to meet requirements of Design Review		10.05.2007	10.11.2007	7
1.6	Review previous design schematic and layout, change as necessary, send for fabrication		09.28.2007	10.11.2007	14
1.7	Prepare design documentation and test plan		10.12.2007	10.18.2007	7
1.8	Populate board		10.19.2007	10.25.2007	7
1.9	Begin testing the board		10.26.2007	11.01.2007	7
1.10	Prepare for Senior Design I Design Review		11.02.2007	11.08.2007	7
<b>2</b>	<b>2m Transceiver/GPS Unit</b>	David J. Semione	09.03.2007	11.17.2007	75
2.1	Review of previous team's work		09.07.2007	09.27.2007	21
2.2	Determine customer's needs and complete specifications paperwork		09.07.2007	09.13.2007	7
2.3	Review customer specifications and begin concept development		09.14.2007	09.20.2007	7
2.4	Finalize concept selection and prepare for Concept Design Review		09.21.2007	10.04.2007	14
2.5	Adjust concept design as necessary to meet requirements of Design Review		10.05.2007	10.11.2007	7
2.6	Determine signal interfacing, voltage, modem, audio, impedance issues		09.28.2007	10.11.2007	14
2.7	Review and update board schematic and PCB layout		10.12.2007	10.25.2007	14
2.8	Prepare design documentation and test plan		10.26.2007	11.01.2007	7
2.9	Send PCB for fabrication and prepare for Senior Design I Design Review		11.02.2007	11.08.2007	7
<b>3</b>	<b>MicroController Board</b>	Brian A. Hanna	09.03.2007	11.17.2007	75
3.1	Review of previous team's work		09.07.2007	09.27.2007	21
3.2	Determine customer's needs and complete specifications paperwork		09.07.2007	09.13.2007	7
3.3	Review customer specifications and begin concept development		09.14.2007	09.20.2007	7
3.4	Finalize concept selection and prepare for Concept Design Review		09.21.2007	10.04.2007	14
3.5	Adjust concept design as necessary to meet requirements of Design Review		10.05.2007	10.11.2007	7
3.6	Hardware redesign where necessary based on previous problems and transceiver changes		09.28.2007	10.11.2007	14
3.7	Review and update board schematic and PCB layout		10.12.2007	10.18.2007	7
3.8	Complete system level software flow diagrams and functions		10.19.2007	10.25.2007	7
3.9	Prepare design documentation and test plan		10.26.2007	11.01.2007	7
3.10	Send PCB for fabrication and prepare for Senior Design I Design Review		11.02.2007	11.08.2007	7
<b>4</b>	<b>On-Screen Display</b>	Gabriela E. Pereira Nunes	09.03.2007	11.17.2007	75
4.1	Review of previous team's work		09.07.2007	09.27.2007	21
4.2	Determine customer's needs and complete specifications paperwork		09.07.2007	09.13.2007	7
4.3	Review customer specifications and begin concept development		09.14.2007	09.20.2007	7
4.4	Finalize concept selection and prepare for Concept Design Review		09.21.2007	10.04.2007	14
4.5	Adjust concept design as necessary to meet requirements of Design Review		10.05.2007	10.11.2007	7
4.6	Review and update board schematic		09.28.2007	10.11.2007	14
4.7	Review and update board layout		10.12.2007	10.18.2007	7
4.8	Complete system level software flow diagrams and functions		10.19.2007	10.25.2007	7
4.9	Prepare design documentation and test plan		10.26.2007	11.01.2007	7
4.10	Send PCB for fabrication and prepare for Senior Design I Design Review		11.02.2007	11.08.2007	7
<b>5</b>	<b>Power System</b>	Sergey A. Yekimenkov	09.03.2007	11.17.2007	75
5.1	Review of previous team's work		09.07.2007	09.27.2007	21
5.2	Determine customer's needs and complete specifications paperwork		09.07.2007	09.13.2007	7
5.3	Review customer specifications and begin concept development		09.14.2007	09.20.2007	7
5.4	Finalize concept selection and prepare for Concept Design Review		09.21.2007	10.04.2007	14
5.5	Adjust concept design as necessary to meet requirements of Design Review		10.05.2007	10.11.2007	7
5.6	Review and update board schematic		09.28.2007	10.11.2007	14
5.7	Review and update board layout, send board for fabrication		10.12.2007	10.18.2007	7
5.8	Prepare design documentation and test plan		10.19.2007	10.25.2007	7
5.9	Begin board population and testing		10.26.2007	11.01.2007	7
5.10	Prepare for Senior Design I Design Review		11.02.2007	11.08.2007	7