

Rascal Senior Desgin

Oct 15, 2013

SSRL

<https://sites.google.com/a/slu.edu/aeng-senior-design/team-websites/rascal>

Project managers:

Dates:

Aug 26, 2013 - May 17, 2014

Complete:

0%

Tasks:

37

People:

0

GANTT Chart for Rascal Senior Design Project 1st and 2nd semester

Tasks

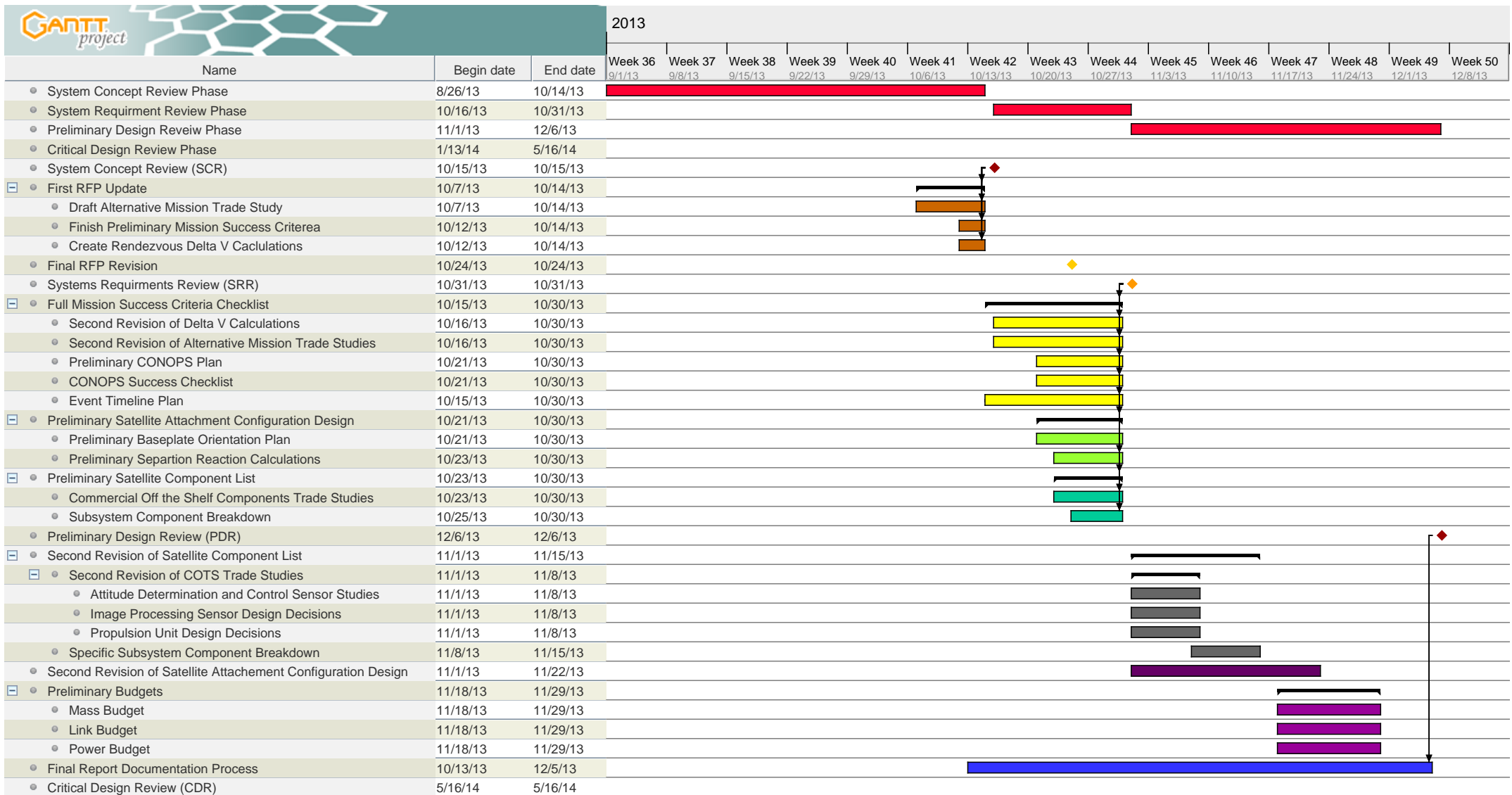
Name	Begin date	End date
System Concept Review Phase	8/26/13	10/14/13
System Requirement Review Phase	10/16/13	10/31/13
Preliminary Design Review Phase	11/1/13	12/6/13
Critical Design Review Phase	1/13/14	5/16/14
System Concept Review (SCR)	10/15/13	10/15/13
First RFP Update	10/7/13	10/14/13
Draft Alternative Mission Trade Study	10/7/13	10/14/13
Finish Preliminary Mission Success Criteria	10/12/13	10/14/13
Create Rendezvous Delta V Calculations	10/12/13	10/14/13
Final RFP Revision	10/24/13	10/24/13
Systems Requirements Review (SRR)	10/31/13	10/31/13
Full Mission Success Criteria Checklist	10/15/13	10/30/13
Second Revision of Delta V Calculations	10/16/13	10/30/13
Second Revision of Alternative Mission Trade Studies	10/16/13	10/30/13
Preliminary CONOPS Plan	10/21/13	10/30/13
CONOPS Success Checklist	10/21/13	10/30/13
Event Timeline Plan	10/15/13	10/30/13
Preliminary Satellite Attachment Configuration Design	10/21/13	10/30/13
Preliminary Baseplate Orientation Plan	10/21/13	10/30/13
Preliminary Separation Reaction Calculations	10/23/13	10/30/13
Preliminary Satellite Component List	10/23/13	10/30/13
Commercial Off the Shelf Components Trade Studies	10/23/13	10/30/13
Subsystem Component Breakdown	10/25/13	10/30/13

Tasks


Name	Begin date	End date
Preliminary Design Review (PDR)	12/6/13	12/6/13
Second Revision of Satellite Component List	11/1/13	11/15/13
Second Revision of COTS Trade Studies	11/1/13	11/8/13
Attitude Determination and Control Sensor Studies	11/1/13	11/8/13
Image Processing Sensor Design Decisions	11/1/13	11/8/13
Propulsion Unit Design Decisions	11/1/13	11/8/13
Specific Subsystem Component Breakdown	11/8/13	11/15/13
Second Revision of Satellite Attachement Configuration Design	11/1/13	11/22/13
Preliminary Budgets	11/18/13	11/29/13
Mass Budget	11/18/13	11/29/13
Link Budget	11/18/13	11/29/13
Power Budget	11/18/13	11/29/13
Final Report Documentation Process	10/13/13	12/5/13
Critical Design Review (CDR)	5/16/14	5/16/14

Gantt Chart

4



Resources Chart

		2013														
Name	Default role	Week 36 9/1/13	Week 37 9/8/13	Week 38 9/15/13	Week 39 9/22/13	Week 40 9/29/13	Week 41 10/6/13	Week 42 10/13/13	Week 43 10/20/13	Week 44 10/27/13	Week 45 11/3/13	Week 46 11/10/13	Week 47 11/17/13	Week 48 11/24/13	Week 49 12/1/13	Week 50 12/8/13