

# Gantt Chart

Version 1.7.3

Vertex42  
2012 Vertex42 LLC

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## Nanomanipulator - P13371

Rochester Institute of Technology

10/5/2012 Friday

(vertical red line)

Project Lead: P13371

Start Date: 9/3/2012 Monday

First Day of Week (Mon=2): 2

WBS	Tasks	Task Lead	Start	End	Duration (Days)	Working Days	Days Complete	Days Remaining	03 - Sep - 12	10 - Sep - 12	17 - Sep - 12	24 - Sep - 12	01 - Oct - 12	08 - Oct - 12	15 - Oct - 12	22 - Oct - 12	29 - Oct - 12	05 - Nov - 12	12 - Nov - 12
<b>1</b>	<b>Project Planning wk 1-2</b>	[Name]	9/3/12	9/21/12	19	15	0	19											
1.1	Problem Definition		9/3/12	9/7/12	5	5	0	5											
1.2	Initial Customer Meetings		9/8/12	9/21/12	14	10	0	14											
1.2.1	Customer needs ranking		9/10/12	9/12/12	3	3	0	3											
1.2.2	House of Quality		9/12/12	9/17/12	6	4	0	6											
1.3	Gantt Chart Development	nm	9/16/12	9/20/12	5	4	0	5											
<b>2</b>	<b>Concept Development wk 2-4</b>	[Name]	9/17/12	9/30/12	14	10	3	11											
2.1	Brainstorm Mechanical solutions		9/17/12	9/21/12	5	5	1	4											
2.2	Brainstorm Controls solutions		9/22/12	9/23/12	2	0	0	2											
2.3	Evaluate concept selection		9/21/12	9/25/12	5	3	1	4											
2.4	Decide concept solution		9/24/12	9/26/12	3	3	0	3											
2.5	Schedule Design Review		9/22/12	9/22/12	1	0	0	1											
2.6	Complete Risk Assessment		9/21/12	9/23/12	3	1	0	3											
2.7	<b>Make SDR Presentation</b>		9/22/12	9/27/12	6	4	0	6											
2.7.1	Make a Cost Estimate / Model	KS	9/24/12	9/27/12	4	4	0	4											
2.7.2	Make a System Functional Flow Chart	BL	9/24/12	9/27/12	4	4	0	4											
2.7.3	Complete Pugh Chart Concept Comparison	NM	9/22/12	9/22/12	1	0	0	1											
2.7.4	Put together Initial Theoretical Calculations	AJ, JB	9/22/12	9/25/12	4	2	0	4											
2.7.5	Make Comparison Between P12371 and P13371		9/22/12	9/27/12	6	4	0	6											
2.8	Complete Design Review	Team	10/5/12	10/5/12	1	1	0	1											
<b>3</b>	<b>Detailed Design Development wk 4-9</b>		9/28/12	11/5/12	39	27	4	35											
3.1	<b>Design Mechanical System</b>		10/3/12	11/5/12	34	24	17	17											
3.1.1	<b>Design Hydraulic Sub-System</b>	JB	10/3/12	11/5/12	34	24	0	34											
3.1.1.1	Solid Model System	JB	10/3/12	10/16/12	14	10	0	14											
3.1.1.2	Choose Materials / Components	JB	10/6/12	10/15/12	10	6	0	10											
3.1.1.3	Complete Manufacture Drawings	JB	10/27/12	11/5/12	10	6	0	10											
3.1.2	<b>Design Driver / Hydraulic Pump Sub-System</b>	AJ	10/3/12	11/5/12	34	24	0	34											
3.1.2.1	Solid Model System	AJ	10/3/12	10/27/12	25	18	0	25											

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