

# Team 19 Robot Control Specification Verification

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## Laboratory # 2: Requirements and Specification

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### *Work Product*

Verification of robot control specification document. Includes documentation of inspection, including mistakes and revisions.

### *Document Revision Information*

#### Document Revision Information

2/24/13 - created

## Approval Sheet

All group members whose names are listed below approve of the document and contributed fairly.

### Member Names

Morgan, Laura  
Miaw, Jireh  
Hauser, Steven  
Dworak, Catherine  
Bertoglio, David

## Pledge

On my honor, as a student, I have neither given nor received unauthorized aid on this assignment.

### Names

Morgan, Laura  
Miaw, Jireh  
Hauser, Steven  
Dworak, Catherine  
Bertoglio, David

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93	<b>Inspection of Document</b>
94	<b>Glossary</b>
95	Are all text macros and symbolic constants used in specification included in
96	glossary? Yes.
97	Are all symbolic constants unchanging? Yes.
98	Are they all defined? Yes.
99	
100	<b>Definition of Modes</b>
101	Are all modes defined? Yes.
102	Is there anything the base computer can do that is not included in the modes? No.
103	
104	<b>Mode Transition Table</b>
105	Are all modes correctly connected? Yes.
106	<b>User Interface</b>
107	Are all buttons defined as events/input? No. New mock up of GUI must be created.
108	Are all displays defined as outputs? Yes.
109	
110	<b>Inputs and Outputs</b>
111	Are all user inputs represented? Verify with use cases
112	Are all outputs to robot represented? Yes.
113	
114	<b>Events</b>
115	All events from user inputs? Yes.
116	All events from output? Yes.
117	
118	<b>Mistakes</b>
119	\$max_speed\$ and \$arc_radius\$ undefined
120	Table of Contents not updated
121	New mock up image of GUI needed with new changes to inputs and outputs
122	accounted for.
123	
124	<b>Revisions</b>
125	\$max_speed\$ and \$arc_radius\$ to be determined after testing.
126	Table of Contents edited.
127	New mock up to be added by group member absent from meeting.